

TLV1704-SEP Neutron Displacement Damage (NDD) Characterization



ABSTRACT

This report presents the effect of neutron displacement damage (NDD) on the TLV1704-SEP device. The results show that devices remained within data sheet specifications up to 1×10^{13} n/cm². At 5×10^{12} n/cm² and 1×10^{13} n/cm² some specifications drifted but they remained within datasheet specifications.

A sample size of 15 units was exposed to radiation testing per (MIL-STD-883, Method 1017 for Neutron Irradiation) and an additional unirradiated sample device was used for correlation. Electrical testing was performed at Texas Instruments before and after neutron irradiation using the production test program for TLV1704-SEP.

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1 Overview

The TLV1704-SEP is a radiation hardened, low power, quad comparator in space enhanced plastic. It features a wide supply range, rail-to-rail inputs, low quiescent current, and low propagation delay. Additionally, an open collector output offers the advantage of allowing the output to be pulled to any voltage rail up to 36 V above the negative power supply. The device is offered in a 14-pin plastic small outline package.

General device information and testing conditions are listed in [Table 1-1](#).

Table 1-1. Overview Information

TI Part Number	TLV1704-SEP
Device Function	Quad Comparator
Technology	BiCMOS
A/T Lot Number / Date Code	CE3H / 8A
Unbiased Quantity Tested	15
Exposure Facility	VPT Inc.
Neutron Fluence (1-MeV equivalent)	1.0×10^{12} , 5.0×10^{12} , and 1.0×10^{13} n/cm ²
Irradiation Temperature	25°C
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2 Test Procedures

The TLV1704-SEP was electrically pre-tested using the production automated test equipment program.

General test procedures were IAW MIL-STD-883, Method 1017 for Neutron Irradiation of TLV1704-SEP.

Table 2-1. Neutron Irradiation Conditions

Group	Sample Qty	Neutron Fluence (n/cm ²)	Bias
A	5	1.0 × 10 ¹²	Unbiased
B	5	5.0 × 10 ¹²	Unbiased
C	5	1.0 × 10 ¹³	Unbiased

3 Facility

The University of Massachusetts’s Fast Neutron Irradiation (FNI) facility is an experimental facility replaces three beam ports that originally existed on the left side of the research reactor. It is designed to give a fast flux level ≥ 1011 n/cm²-s, with relatively low thermal fluence and gamma dose rates. Samples with a cross-sectional area as large as 30 cm (12 in) × 30 cm (12 in) and up to 15 cm (6 in) thick can be irradiated. The fast neutron flux is designed to be nearly uniform over the 30 cm (12 in) × 30 cm (12 in) area facing the core, and the fast fluence variation through the sample thickness is minimized via a single 180° rotation of the sample canister at the midpoint of the irradiation period. The FNI facility offers a significantly larger sample volume than previously available within the University of Massachusetts Lowell Research Reactor (UMLRR). The fluences are calculated based on 1-MeV equivalences.

Detailed information of the radiation facility is available at the following link:

4 Results

Some parameters drifted from their typical values but all parametric measurements remained well within the [TLV1704-SEP Class V, radiation lower power operational amplifier](#) limits for 1.0 × 10¹³ n/cm² levels. The full parameter list and graphs are found in [Appendix A](#).

[Table 4-1](#) lists the TLV1704-SEP specification compliance matrix.

Table 4-1. TLV1704-SEP Spec Table

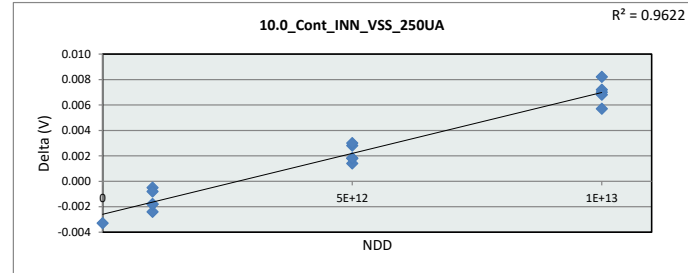
PARAMETER	TEST CONDITION	MIN	TYP	MAX	UNIT	TEST NUMBER
Quiescent Current	$I_q; V_S = 2.2\text{ V}, V_{CM} = V_S / 2$			300	μA	90, 100
Quiescent Current	$I_q; V_S = 36\text{ V}, V_{CM} = V_S / 2$			300	μA	110, 120
Input Offset Voltage	$V_{OS}; V_S = 36\text{ V}$	-2.5		2.5	mV	130, 140, 150, 170, 180
Power-Supply Rejection Ratio	PSRR; $V_S = 36\text{ V}, V_{CM} = V_S / 2$			100	$\mu\text{V/V}$	190, 210, 220
Common-Mode Rejection Ratio	CMRR; $V_S = 2.2\text{ V}, V_{CM} = V_S / 2$			8.5	mV/V	310
Common-Mode Rejection Ratio	CMRR; $V_S = 36\text{ V}, V_{CM} = V_S / 2$			8.5	mV/V	400
Input Bias Current	$I_B; V_S = 36\text{ V}, V_{CM} = V_S / 2$			15	nA	440, 450
Input Offset Current	$I_{OS}; V_S = 36\text{ V}, V_{CM} = V_S / 2$		0.5		nA	460
Propagation Delay	$T_{pd}; V_S = 5\text{ V}, V_{CM} = V_S / 2$		500		nS	470, 480
Voltage Output Swing from Rail	$V_O; V_S = 2.2\text{ V}, V_{CM} = V_S / 2, I_O = 4\text{ mA}$			1100	mV	490
Voltage Output Swing from Rail	$V_O; V_S = 2.2\text{ V}, V_{CM} = V_S / 2, I_O = 0\text{ mA}$			700	mV	500
Voltage Output Swing from Rail	$V_O; V_S = 36\text{ V}, V_{CM} = V_S / 2, I_O = 4\text{ mA}$			1100	mV	510
Voltage Output Swing from Rail	$V_O; V_S = 36\text{ V}, V_{CM} = V_S / 2, I_O = 0\text{ mA}$			700	mV	520
Short-Circuit Current	$I_{SC}; V_S = 36\text{ V}, V_{CM} = V_S / 2$		20		mA	540
Quiescent Current Integrity Test	$I_q; V_S = 36\text{ V}, V_{CM} = V_S / 2$			300	μA	550, 560

A Test Results

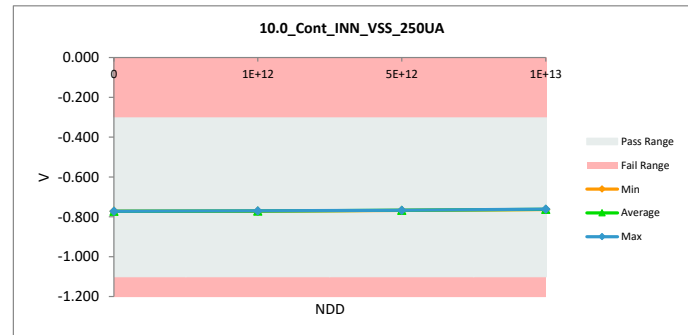
NDD Report
TLV1704-SEP

NDD Report
TLV1704-SEP

		10.0_Cont_INN_VSS_250UA		
Unit		V	V	
Max Limit		-0.3	-0.3	
Min Limit		-1.1	-1.1	
NDD	Serial #	Pre	Post	Delta
1E+12	1	-0.770	-0.770	-0.001
1E+12	2	-0.769	-0.771	-0.002
1E+12	3	-0.768	-0.770	-0.002
1E+12	4	-0.769	-0.771	-0.002
1E+12	5	-0.770	-0.770	-0.001
5E+12	6	-0.770	-0.767	0.003
5E+12	7	-0.770	-0.768	0.002
5E+12	8	-0.770	-0.767	0.003
5E+12	9	-0.768	-0.766	0.001
5E+12	10	-0.769	-0.767	0.002
1E+13	11	-0.769	-0.762	0.007
1E+13	12	-0.769	-0.763	0.006
1E+13	13	-0.769	-0.761	0.008
1E+13	14	-0.770	-0.763	0.007
1E+13	15	-0.768	-0.762	0.007
0	c1	-0.769	-0.772	-0.003
	Max	-0.768	-0.761	0.008
	Average	-0.769	-0.767	0.002
	Min	-0.770	-0.772	-0.003
	Std Dev	0.001	0.004	0.004



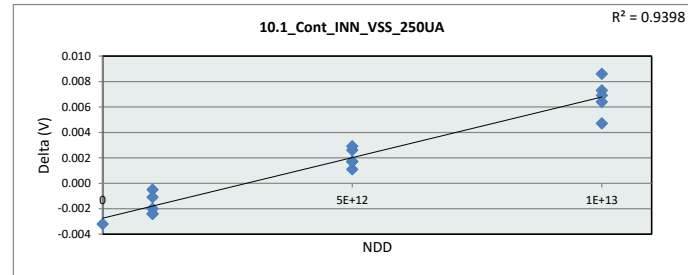
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Max Limit		-0.3	V	
Min Limit		-1.1	V	
NDD	0	1E+12	5E+12	1E+13
LL	-1.100	-1.100	-1.100	-1.100
Min	-0.772	-0.771	-0.768	-0.763
Average	-0.772	-0.771	-0.767	-0.762
Max	-0.772	-0.770	-0.767	-0.761
UL	-0.300	-0.300	-0.300	-0.300



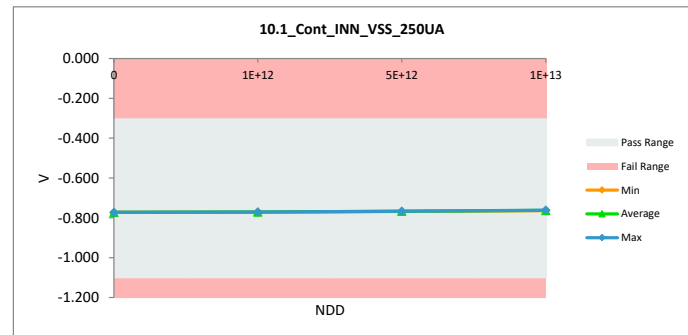
NDD Report

TLV1704-SEP

		10.1_Cont_INN_VSS_250UA		
Unit		V	V	
Max Limit		-0.3	-0.3	
Min Limit		-1.1	-1.1	
NDD	Serial #	Pre	Post	Delta
1E+12	1	-0.770	-0.771	-0.001
1E+12	2	-0.769	-0.771	-0.002
1E+12	3	-0.769	-0.771	-0.002
1E+12	4	-0.769	-0.771	-0.002
1E+12	5	-0.770	-0.771	-0.001
5E+12	6	-0.770	-0.767	0.003
5E+12	7	-0.770	-0.768	0.002
5E+12	8	-0.770	-0.767	0.003
5E+12	9	-0.768	-0.767	0.001
5E+12	10	-0.769	-0.767	0.002
1E+13	11	-0.770	-0.762	0.007
1E+13	12	-0.768	-0.763	0.005
1E+13	13	-0.770	-0.762	0.009
1E+13	14	-0.770	-0.764	0.006
1E+13	15	-0.769	-0.762	0.007
0	c1	-0.769	-0.772	-0.003
	Max	-0.768	-0.762	0.009
	Average	-0.769	-0.767	0.002
	Min	-0.770	-0.772	-0.003
	Std Dev	0.001	0.004	0.004

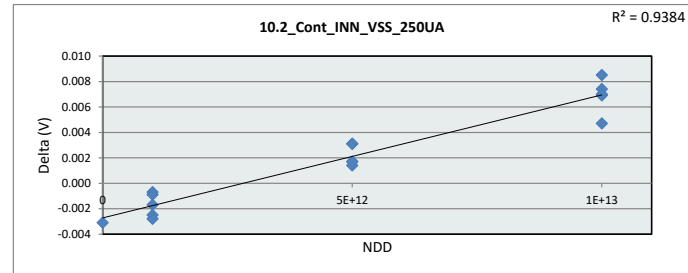


		10.1_Cont_INN_VSS_250UA			
Max Limit		-0.3	V		
Min Limit		-1.1	V		
NDD	0	1E+12	5E+12	1E+13	
LL	-1.100	-1.100	-1.100	-1.100	
Min	-0.772	-0.771	-0.768	-0.764	
Average	-0.772	-0.771	-0.767	-0.763	
Max	-0.772	-0.771	-0.767	-0.762	
UL	-0.300	-0.300	-0.300	-0.300	

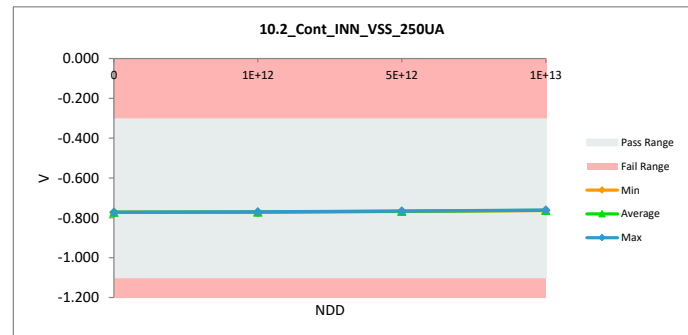


NDD Report
TLV1704-SEP

		10.2_Cont_INN_VSS_250UA		
Unit		V	V	
Max Limit		-0.3	-0.3	
Min Limit		-1.1	-1.1	
NDD	Serial #	Pre	Post	Delta
1E+12	1	-0.770	-0.770	-0.001
1E+12	2	-0.768	-0.771	-0.002
1E+12	3	-0.768	-0.770	-0.002
1E+12	4	-0.770	-0.772	-0.003
1E+12	5	-0.769	-0.770	-0.001
5E+12	6	-0.770	-0.766	0.003
5E+12	7	-0.770	-0.768	0.002
5E+12	8	-0.770	-0.767	0.003
5E+12	9	-0.768	-0.766	0.001
5E+12	10	-0.769	-0.767	0.002
1E+13	11	-0.770	-0.762	0.007
1E+13	12	-0.768	-0.763	0.005
1E+13	13	-0.769	-0.761	0.008
1E+13	14	-0.770	-0.763	0.007
1E+13	15	-0.768	-0.762	0.007
0	c1	-0.769	-0.772	-0.003
	Max	-0.768	-0.761	0.008
	Average	-0.769	-0.767	0.002
	Min	-0.770	-0.772	-0.003
	Std Dev	0.001	0.004	0.004

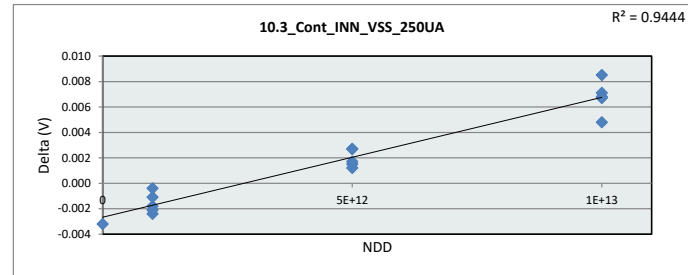


		10.2_Cont_INN_VSS_250UA		
Max Limit		-0.3	V	
Min Limit		-1.1	V	
NDD	0	1E+12	5E+12	1E+13
LL	-1.100	-1.100	-1.100	-1.100
Min	-0.772	-0.773	-0.768	-0.763
Average	-0.772	-0.771	-0.767	-0.762
Max	-0.772	-0.770	-0.766	-0.761
UL	-0.300	-0.300	-0.300	-0.300

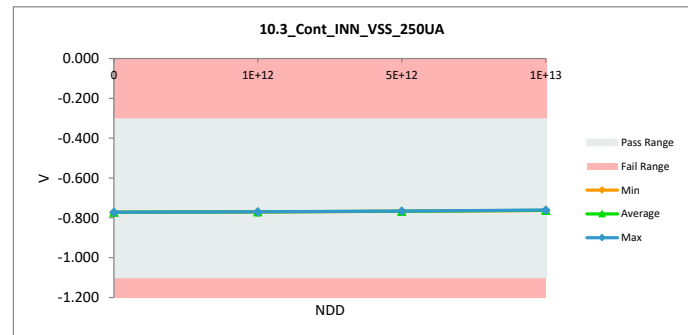


NDD Report
TLV1704-SEP

		10.3 Cont_INN_VSS_250UA		
Unit		V	V	
Max Limit		-0.3	-0.3	
Min Limit		-1.1	-1.1	
NDD	Serial #	Pre	Post	Delta
1E+12	1	-0.769	-0.770	0.000
1E+12	2	-0.768	-0.770	-0.002
1E+12	3	-0.768	-0.770	-0.002
1E+12	4	-0.768	-0.771	-0.002
1E+12	5	-0.769	-0.770	-0.001
5E+12	6	-0.769	-0.767	0.003
5E+12	7	-0.769	-0.767	0.002
5E+12	8	-0.769	-0.766	0.003
5E+12	9	-0.767	-0.766	0.001
5E+12	10	-0.768	-0.767	0.002
1E+13	11	-0.769	-0.762	0.007
1E+13	12	-0.767	-0.762	0.005
1E+13	13	-0.769	-0.761	0.008
1E+13	14	-0.770	-0.763	0.007
1E+13	15	-0.768	-0.762	0.007
0	c1	-0.768	-0.772	-0.003
	Max	-0.767	-0.761	0.008
	Average	-0.769	-0.767	0.002
	Min	-0.770	-0.772	-0.003
	Std Dev	0.001	0.004	0.004

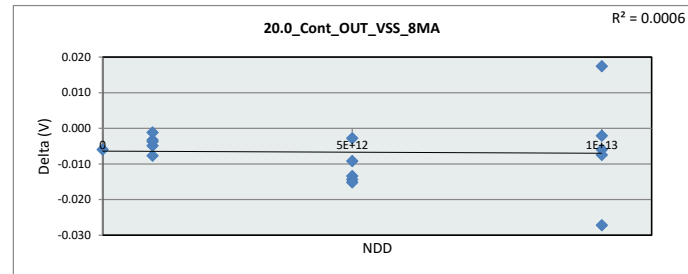


		10.3 Cont_INN_VSS_250UA			
Max Limit		-0.3	V		
Min Limit		-1.1	V		
NDD		0	1E+12	5E+12	1E+13
LL		-1.100	-1.100	-1.100	-1.100
Min		-0.772	-0.771	-0.767	-0.763
Average		-0.772	-0.770	-0.767	-0.762
Max		-0.772	-0.770	-0.766	-0.761
UL		-0.300	-0.300	-0.300	-0.300

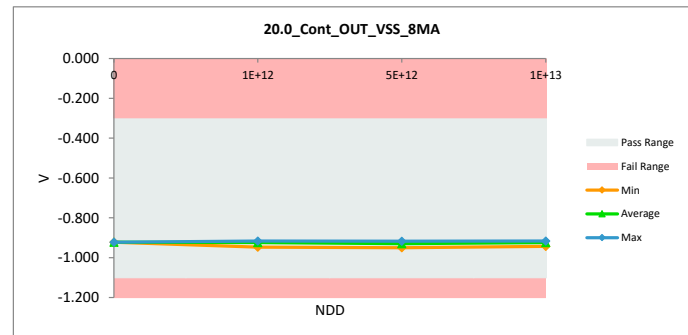


NDD Report
TLV1704-SEP

		20.0_Cont_OUT_VSS_8MA		
Unit		V	V	
Max Limit		-0.3	-0.3	
Min Limit		-1.1	-1.1	
NDD	Serial #	Pre	Post	Delta
1E+12	1	-0.917	-0.920	-0.003
1E+12	2	-0.914	-0.918	-0.005
1E+12	3	-0.914	-0.917	-0.004
1E+12	4	-0.939	-0.947	-0.008
1E+12	5	-0.915	-0.916	-0.001
5E+12	6	-0.915	-0.918	-0.003
5E+12	7	-0.915	-0.929	-0.013
5E+12	8	-0.914	-0.924	-0.009
5E+12	9	-0.914	-0.928	-0.014
5E+12	10	-0.935	-0.950	-0.015
1E+13	11	-0.914	-0.917	-0.002
1E+13	12	-0.916	-0.922	-0.006
1E+13	13	-0.936	-0.918	0.017
1E+13	14	-0.916	-0.943	-0.027
1E+13	15	-0.914	-0.922	-0.007
0	c1	-0.916	-0.923	-0.006
	Max	-0.914	-0.916	0.017
	Average	-0.919	-0.926	-0.007
	Min	-0.939	-0.950	-0.027
	Std Dev	0.009	0.011	0.009



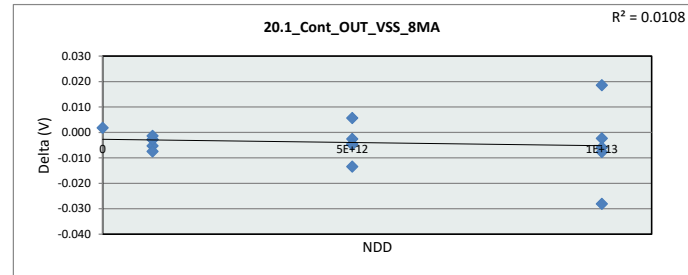
		20.0_Cont_OUT_VSS_8MA		
Max Limit		-0.3	V	
Min Limit		-1.1	V	
NDD	0	1E+12	5E+12	1E+13
LL	-1.100	-1.100	-1.100	-1.100
Min	-0.923	-0.947	-0.950	-0.943
Average	-0.923	-0.924	-0.930	-0.924
Max	-0.923	-0.916	-0.918	-0.917
UL	-0.300	-0.300	-0.300	-0.300



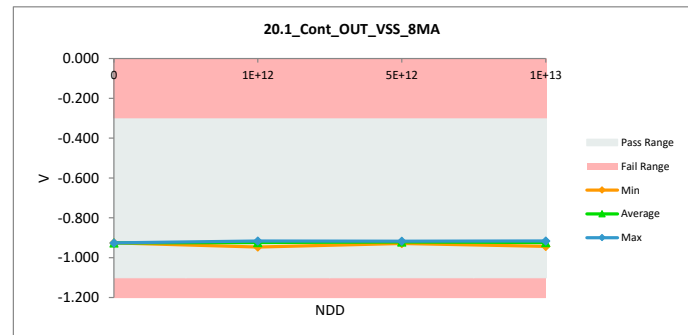
NDD Report

TLV1704-SEP

		20.1_Cont_OUT_VSS_8MA		
Unit		V	V	
Max Limit		-0.3	-0.3	
Min Limit		-1.1	-1.1	
NDD	Serial #	Pre	Post	Delta
1E+12	1	-0.917	-0.920	-0.003
1E+12	2	-0.913	-0.919	-0.005
1E+12	3	-0.914	-0.917	-0.003
1E+12	4	-0.939	-0.947	-0.007
1E+12	5	-0.915	-0.917	-0.001
5E+12	6	-0.915	-0.918	-0.003
5E+12	7	-0.915	-0.929	-0.013
5E+12	8	-0.918	-0.923	-0.005
5E+12	9	-0.914	-0.918	-0.005
5E+12	10	-0.923	-0.917	0.006
1E+13	11	-0.914	-0.917	-0.002
1E+13	12	-0.915	-0.921	-0.006
1E+13	13	-0.934	-0.916	0.018
1E+13	14	-0.916	-0.944	-0.028
1E+13	15	-0.914	-0.922	-0.008
0	c1	-0.928	-0.926	0.002
	Max	-0.913	-0.916	0.018
	Average	-0.919	-0.923	-0.004
	Min	-0.939	-0.947	-0.028
	Std Dev	0.008	0.009	0.009

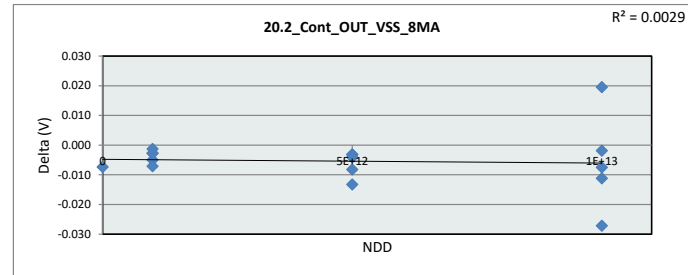


		20.1_Cont_OUT_VSS_8MA		
Max Limit		-0.3	V	
Min Limit		-1.1	V	
NDD	0	1E+12	5E+12	1E+13
LL	-1.100	-1.100	-1.100	-1.100
Min	-0.926	-0.947	-0.929	-0.944
Average	-0.926	-0.924	-0.921	-0.924
Max	-0.926	-0.917	-0.917	-0.916
UL	-0.300	-0.300	-0.300	-0.300

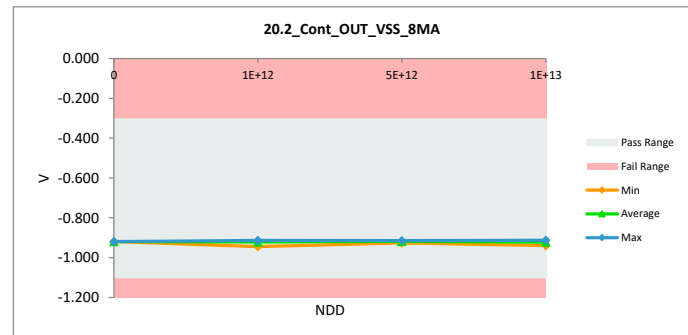


NDD Report
TLV1704-SEP

		20.2_Cont_OUT_VSS_8MA		
Unit		V	V	
Max Limit		-0.3	-0.3	
Min Limit		-1.1	-1.1	
NDD	Serial #	Pre	Post	Delta
1E+12	1	-0.914	-0.917	-0.003
1E+12	2	-0.911	-0.916	-0.005
1E+12	3	-0.911	-0.914	-0.003
1E+12	4	-0.937	-0.944	-0.007
1E+12	5	-0.913	-0.914	-0.001
5E+12	6	-0.912	-0.915	-0.003
5E+12	7	-0.913	-0.926	-0.013
5E+12	8	-0.912	-0.920	-0.008
5E+12	9	-0.911	-0.914	-0.003
5E+12	10	-0.911	-0.915	-0.004
1E+13	11	-0.912	-0.914	-0.002
1E+13	12	-0.913	-0.924	-0.011
1E+13	13	-0.932	-0.913	0.019
1E+13	14	-0.913	-0.940	-0.027
1E+13	15	-0.912	-0.919	-0.007
0	c1	-0.912	-0.919	-0.007
	Max	-0.911	-0.913	0.019
	Average	-0.915	-0.920	-0.005
	Min	-0.937	-0.944	-0.027
	Std Dev	0.008	0.009	0.009

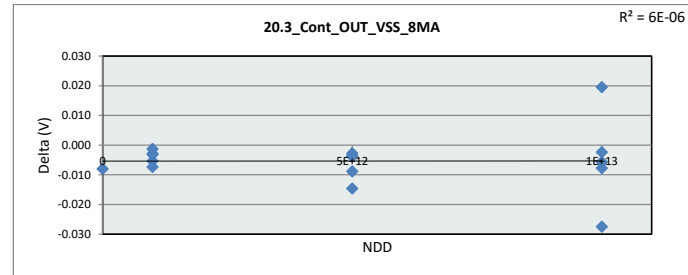


		20.2_Cont_OUT_VSS_8MA		
Max Limit		-0.3	V	
Min Limit		-1.1	V	
NDD	0	1E+12	5E+12	1E+13
LL	-1.100	-1.100	-1.100	-1.100
Min	-0.919	-0.944	-0.926	-0.940
Average	-0.919	-0.921	-0.918	-0.922
Max	-0.919	-0.914	-0.914	-0.913
UL	-0.300	-0.300	-0.300	-0.300

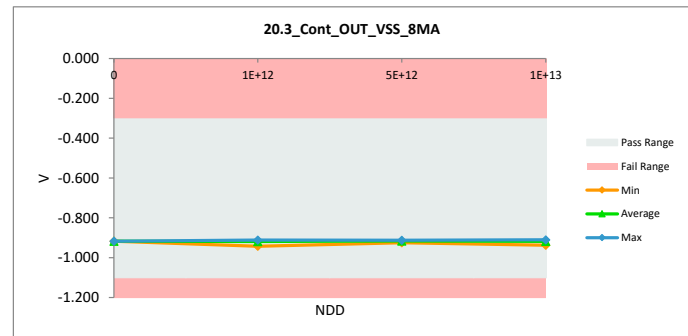


NDD Report
TLV1704-SEP

		20.3_Cont_OUT_VSS_8MA		
Unit		V	V	
Max Limit		-0.3	-0.3	
Min Limit		-1.1	-1.1	
NDD	Serial #	Pre	Post	Delta
1E+12	1	-0.912	-0.915	-0.003
1E+12	2	-0.908	-0.914	-0.005
1E+12	3	-0.908	-0.912	-0.003
1E+12	4	-0.935	-0.943	-0.007
1E+12	5	-0.910	-0.911	-0.001
5E+12	6	-0.909	-0.913	-0.003
5E+12	7	-0.910	-0.925	-0.015
5E+12	8	-0.909	-0.918	-0.009
5E+12	9	-0.909	-0.912	-0.003
5E+12	10	-0.908	-0.912	-0.004
1E+13	11	-0.909	-0.912	-0.002
1E+13	12	-0.911	-0.916	-0.006
1E+13	13	-0.930	-0.910	0.020
1E+13	14	-0.910	-0.938	-0.028
1E+13	15	-0.909	-0.917	-0.008
0	c1	-0.909	-0.917	-0.008
	Max	-0.908	-0.910	0.020
	Average	-0.912	-0.918	-0.005
	Min	-0.935	-0.943	-0.028
	Std Dev	0.008	0.009	0.009

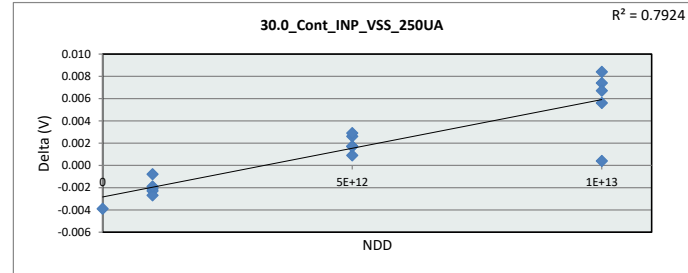


		20.3_Cont_OUT_VSS_8MA			
Max Limit		-0.3	V		
Min Limit		-1.1	V		
NDD		0	1E+12	5E+12	1E+13
LL		-1.100	-1.100	-1.100	-1.100
Min		-0.917	-0.943	-0.925	-0.938
Average		-0.917	-0.919	-0.916	-0.919
Max		-0.917	-0.911	-0.912	-0.910
UL		-0.300	-0.300	-0.300	-0.300

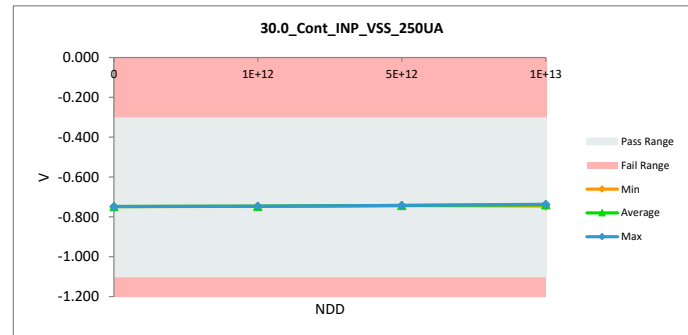


NDD Report
TLV1704-SEP

		30.0_Cont_INP_VSS_250UA		
Unit		V	V	
Max Limit		-0.3	-0.3	
Min Limit		-1.1	-1.1	
NDD	Serial #	Pre	Post	Delta
1E+12	1	-0.746	-0.747	-0.001
1E+12	2	-0.744	-0.747	-0.002
1E+12	3	-0.744	-0.746	-0.002
1E+12	4	-0.744	-0.747	-0.003
1E+12	5	-0.745	-0.747	-0.002
5E+12	6	-0.745	-0.743	0.003
5E+12	7	-0.745	-0.744	0.002
5E+12	8	-0.745	-0.743	0.003
5E+12	9	-0.743	-0.743	0.001
5E+12	10	-0.745	-0.743	0.002
1E+13	11	-0.745	-0.738	0.007
1E+13	12	-0.744	-0.738	0.006
1E+13	13	-0.745	-0.737	0.008
1E+13	14	-0.746	-0.746	0.000
1E+13	15	-0.744	-0.738	0.007
0	c1	-0.744	-0.748	-0.004
	Max	-0.743	-0.737	0.008
	Average	-0.745	-0.743	0.002
	Min	-0.746	-0.748	-0.004
	Std Dev	0.001	0.004	0.004

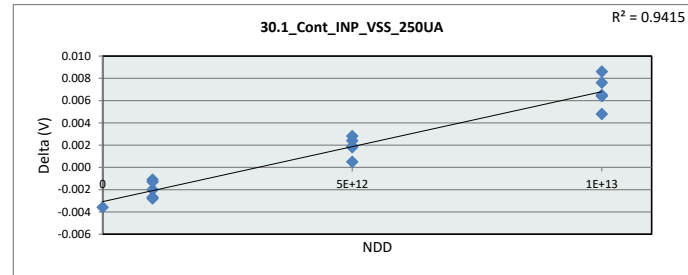


		30.0_Cont_INP_VSS_250UA			
Max Limit		-0.3	V		
Min Limit		-1.1	V		
NDD	0	1E+12	5E+12	1E+13	
LL	-1.100	-1.100	-1.100	-1.100	
Min	-0.748	-0.747	-0.744	-0.746	
Average	-0.748	-0.747	-0.743	-0.739	
Max	-0.748	-0.746	-0.743	-0.737	
UL	-0.300	-0.300	-0.300	-0.300	

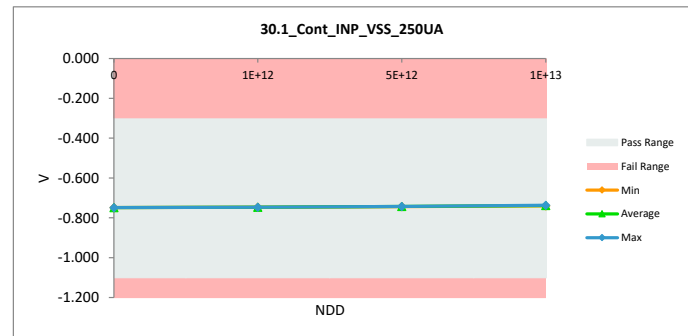


NDD Report
TLV1704-SEP

		30.1 Cont_INP_VSS_250UA		
Unit		V	V	
Max Limit		-0.3	-0.3	
Min Limit		-1.1	-1.1	
NDD	Serial #	Pre	Post	Delta
1E+12	1	-0.746	-0.747	-0.001
1E+12	2	-0.744	-0.747	-0.003
1E+12	3	-0.744	-0.746	-0.002
1E+12	4	-0.744	-0.747	-0.003
1E+12	5	-0.745	-0.746	-0.001
5E+12	6	-0.745	-0.743	0.002
5E+12	7	-0.745	-0.744	0.002
5E+12	8	-0.745	-0.743	0.003
5E+12	9	-0.743	-0.743	0.000
5E+12	10	-0.745	-0.743	0.002
1E+13	11	-0.745	-0.738	0.008
1E+13	12	-0.744	-0.739	0.005
1E+13	13	-0.745	-0.737	0.009
1E+13	14	-0.746	-0.740	0.006
1E+13	15	-0.744	-0.738	0.007
0	c1	-0.745	-0.748	-0.004
	Max	-0.743	-0.737	0.009
	Average	-0.745	-0.743	0.002
	Min	-0.746	-0.748	-0.004
	Std Dev	0.001	0.004	0.004



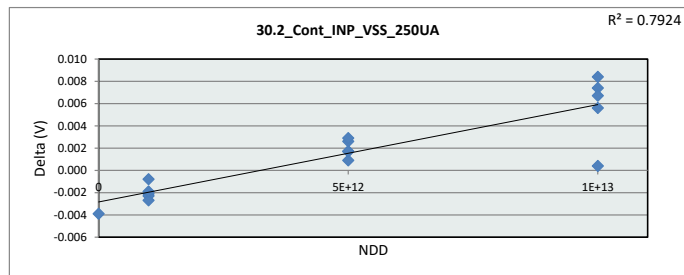
		30.1 Cont_INP_VSS_250UA			
Max Limit		-0.3	V		
Min Limit		-1.1	V		
NDD	0	1E+12	5E+12	1E+13	
LL	-1.100	-1.100	-1.100	-1.100	
Min	-0.748	-0.747	-0.744	-0.740	
Average	-0.748	-0.747	-0.743	-0.738	
Max	-0.748	-0.746	-0.743	-0.737	
UL	-0.300	-0.300	-0.300	-0.300	



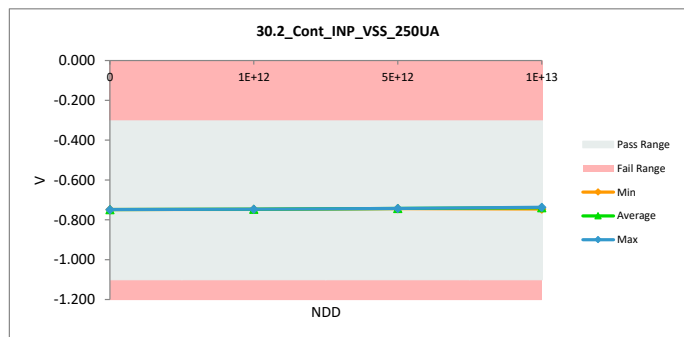
NDD Report

TLV1704-SEP

		30.2_Cont_INP_VSS_250UA		
Unit		V	V	
Max Limit		-0.3	-0.3	
Min Limit		-1.1	-1.1	
NDD	Serial #	Pre	Post	Delta
1E+12	1	-0.746	-0.747	-0.001
1E+12	2	-0.744	-0.747	-0.002
1E+12	3	-0.744	-0.746	-0.002
1E+12	4	-0.744	-0.747	-0.003
1E+12	5	-0.745	-0.747	-0.002
5E+12	6	-0.745	-0.743	0.003
5E+12	7	-0.745	-0.744	0.002
5E+12	8	-0.745	-0.743	0.003
5E+12	9	-0.743	-0.743	0.001
5E+12	10	-0.745	-0.743	0.002
1E+13	11	-0.745	-0.738	0.007
1E+13	12	-0.744	-0.738	0.006
1E+13	13	-0.745	-0.737	0.008
1E+13	14	-0.746	-0.746	0.000
1E+13	15	-0.744	-0.738	0.007
0	c1	-0.744	-0.748	-0.004
	Max	-0.743	-0.737	0.008
	Average	-0.745	-0.743	0.002
	Min	-0.746	-0.748	-0.004
	Std Dev	0.001	0.004	0.004



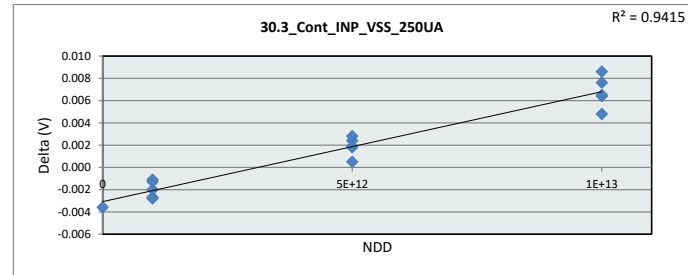
		30.2_Cont_INP_VSS_250UA		
Max Limit		-0.3	V	
Min Limit		-1.1	V	
NDD	0	1E+12	5E+12	1E+13
LL	-1.100	-1.100	-1.100	-1.100
Min	-0.748	-0.747	-0.744	-0.746
Average	-0.748	-0.747	-0.743	-0.739
Max	-0.748	-0.746	-0.743	-0.737
UL	-0.300	-0.300	-0.300	-0.300



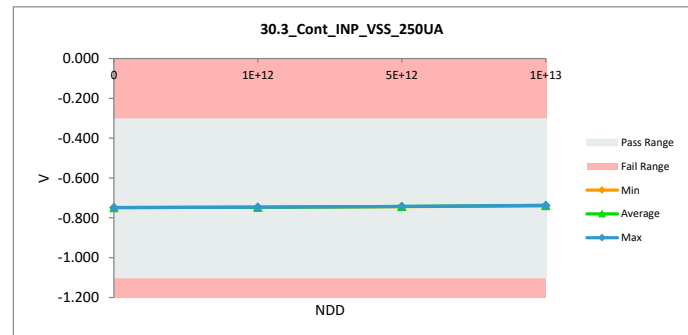
NDD Report

TLV1704-SEP

30.3 Cont_INP_VSS_250UA				
Unit		V	V	
Max Limit		-0.3	-0.3	
Min Limit		-1.1	-1.1	
NDD	Serial #	Pre	Post	Delta
1E+12	1	-0.746	-0.747	-0.001
1E+12	2	-0.744	-0.747	-0.003
1E+12	3	-0.744	-0.746	-0.002
1E+12	4	-0.744	-0.747	-0.003
1E+12	5	-0.745	-0.746	-0.001
5E+12	6	-0.745	-0.743	0.002
5E+12	7	-0.745	-0.744	0.002
5E+12	8	-0.745	-0.743	0.003
5E+12	9	-0.743	-0.743	0.000
5E+12	10	-0.745	-0.743	0.002
1E+13	11	-0.745	-0.738	0.008
1E+13	12	-0.744	-0.739	0.005
1E+13	13	-0.745	-0.737	0.009
1E+13	14	-0.746	-0.740	0.006
1E+13	15	-0.744	-0.738	0.007
0	c1	-0.745	-0.748	-0.004
	Max	-0.743	-0.737	0.009
	Average	-0.745	-0.743	0.002
	Min	-0.746	-0.748	-0.004
	Std Dev	0.001	0.004	0.004

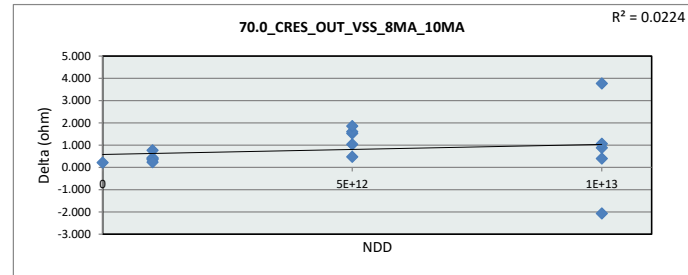


30.3 Cont_INP_VSS_250UA				
Max Limit	-0.3	V		
Min Limit	-1.1	V		
NDD	0	1E+12	5E+12	1E+13
LL	-1.100	-1.100	-1.100	-1.100
Min	-0.748	-0.747	-0.744	-0.740
Average	-0.748	-0.747	-0.743	-0.738
Max	-0.748	-0.746	-0.743	-0.737
UL	-0.300	-0.300	-0.300	-0.300

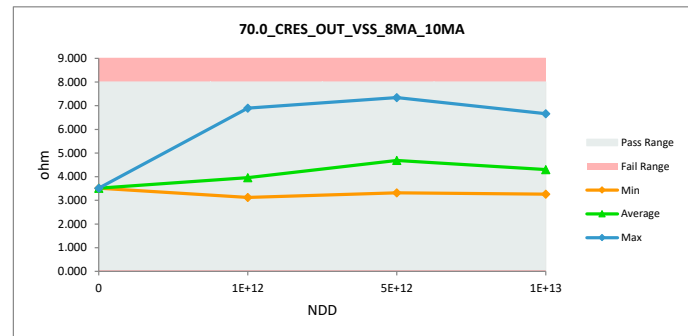


NDD Report
TLV1704-SEP

		70.0_CRES_OUT_VSS_8MA_10MA		
Unit		ohm	ohm	
Max Limit		8	8	
Min Limit		0.05	0.05	
NDD	Serial #	Pre	Post	Delta
1E+12	1	3.026	3.378	0.352
1E+12	2	2.733	3.124	0.391
1E+12	3	2.753	3.182	0.430
1E+12	4	6.132	6.894	0.762
1E+12	5	2.967	3.202	0.234
5E+12	6	2.850	3.319	0.469
5E+12	7	2.909	4.433	1.524
5E+12	8	2.792	3.827	1.035
5E+12	9	2.909	4.511	1.602
5E+12	10	5.487	7.343	1.856
1E+13	11	2.870	3.260	0.391
1E+13	12	3.085	3.964	0.879
1E+13	13	5.624	3.553	-2.071
1E+13	14	2.889	6.660	3.770
1E+13	15	3.007	4.061	1.055
0	c1	3.299	3.514	0.215
	Max	6.132	7.343	3.770
	Average	3.458	4.264	0.806
	Min	2.733	3.124	-2.071
	Std Dev	1.151	1.412	1.181

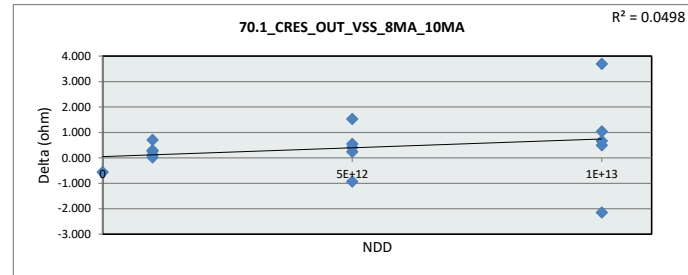


		70.0_CRES_OUT_VSS_8MA_10MA			
Max Limit		8	ohm		
Min Limit		0.05	ohm		
NDD		0	1E+12	5E+12	1E+13
LL		0.050	0.050	0.050	0.050
Min		3.514	3.124	3.319	3.261
Average		3.514	3.956	4.687	4.300
Max		3.514	6.894	7.343	6.660
UL		8.000	8.000	8.000	8.000

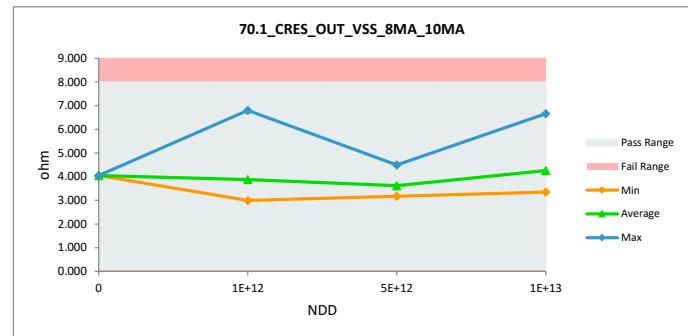


NDD Report TLV1704-SEP

		70.1_CRES_OUT_VSS_8MA_10M		
Unit		ohm	ohm	
Max Limit		8	8	
Min Limit		0.05	0.05	
NDD	Serial #	Pre	Post	Delta
1E+12	1	3.113	3.367	0.254
1E+12	2	2.879	3.172	0.293
1E+12	3	2.879	2.996	0.117
1E+12	4	6.099	6.801	0.703
1E+12	5	3.035	3.055	0.019
5E+12	6	3.035	3.269	0.234
5E+12	7	2.977	4.499	1.522
5E+12	8	3.328	3.874	0.546
5E+12	9	2.879	3.289	0.410
5E+12	10	4.109	3.172	-0.937
1E+13	11	2.879	3.367	0.488
1E+13	12	3.269	3.933	0.664
1E+13	13	5.494	3.347	-2.147
1E+13	14	2.977	6.665	3.688
1E+13	15	2.957	3.991	1.034
0	c1	4.616	4.050	-0.566
	Max	6.099	6.801	3.688
	Average	3.533	3.928	0.395
	Min	2.879	2.996	-2.147
	Std Dev	1.013	1.174	1.215

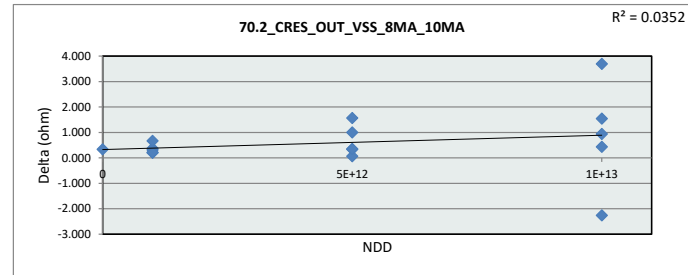


		70.1_CRES_OUT_VSS_8MA_10		
Max Limit		8	ohm	
Min Limit		0.05	ohm	
NDD	0	1E+12	5E+12	1E+13
LL	0.050	0.050	0.050	0.050
Min	4.050	2.996	3.172	3.347
Average	4.050	3.878	3.621	4.261
Max	4.050	6.801	4.499	6.665
UL	8.000	8.000	8.000	8.000

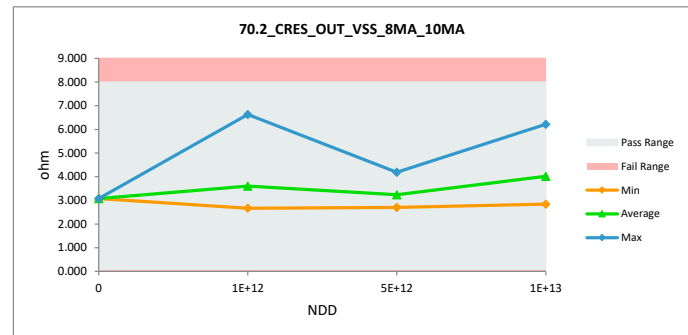


NDD Report
TLV1704-SEP

		70.2_CRES_OUT_VSS_8MA_10MA		
Unit		ohm	ohm	
Max Limit		8	8	
Min Limit		0.05	0.05	
NDD	Serial #	Pre	Post	Delta
1E+12	1	2.686	3.057	0.371
1E+12	2	2.510	2.822	0.312
1E+12	3	2.471	2.666	0.195
1E+12	4	5.965	6.628	0.664
1E+12	5	2.627	2.842	0.215
5E+12	6	2.627	2.959	0.332
5E+12	7	2.627	4.189	1.561
5E+12	8	2.432	3.428	0.995
5E+12	9	2.647	2.705	0.059
5E+12	10	2.549	2.901	0.351
1E+13	11	2.569	2.998	0.429
1E+13	12	2.822	4.364	1.542
1E+13	13	5.106	2.842	-2.264
1E+13	14	2.530	6.219	3.689
1E+13	15	2.725	3.662	0.937
0	c1	2.744	3.076	0.332
	Max	5.965	6.628	3.689
	Average	2.977	3.585	0.607
	Min	2.432	2.666	-2.264
	Std Dev	1.016	1.218	1.178

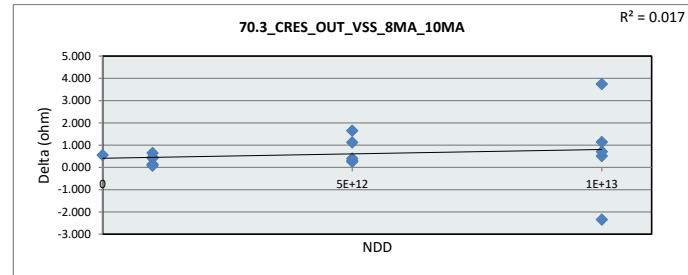


		70.2_CRES_OUT_VSS_8MA_10MA			
Max Limit		8	8	8	8
Min Limit		0.05	0.05	0.05	0.05
NDD		0	1E+12	5E+12	1E+13
LL		0.050	0.050	0.050	0.050
Min		3.076	2.666	2.705	2.842
Average		3.076	3.603	3.236	4.017
Max		3.076	6.629	4.189	6.219
UL		8.000	8.000	8.000	8.000

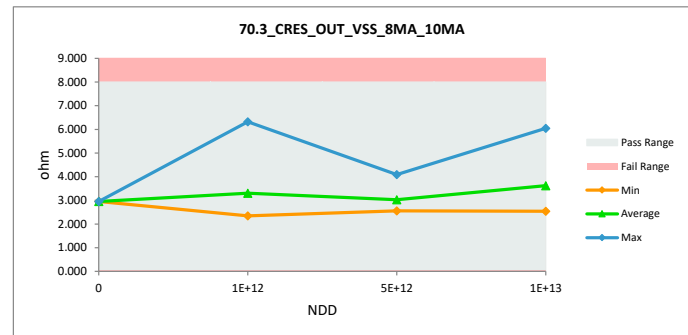


NDD Report TLV1704-SEP

		70.3_CRES_OUT_VSS_8MA_10MA		
Unit		ohm	ohm	
Max Limit		8	8	
Min Limit		0.05	0.05	
NDD	Serial #	Pre	Post	Delta
1E+12	1	2.365	2.815	0.450
1E+12	2	2.090	2.502	0.411
1E+12	3	2.208	2.345	0.137
1E+12	4	5.674	6.320	0.646
1E+12	5	2.443	2.521	0.078
5E+12	6	2.286	2.580	0.294
5E+12	7	2.443	4.088	1.645
5E+12	8	2.169	3.285	1.116
5E+12	9	2.306	2.560	0.255
5E+12	10	2.247	2.639	0.392
1E+13	11	2.267	2.776	0.509
1E+13	12	2.580	3.285	0.705
1E+13	13	4.891	2.541	-2.350
1E+13	14	2.306	6.046	3.740
1E+13	15	2.325	3.461	1.136
0	c1	2.404	2.952	0.548
	Max	5.674	6.320	3.740
	Average	2.688	3.295	0.607
	Min	2.090	2.345	-2.350
	Std Dev	1.030	1.216	1.184

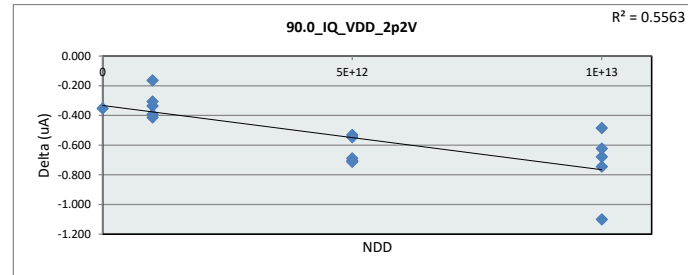


		70.3_CRES_OUT_VSS_8MA_10			
Max Limit		8	ohm		
Min Limit		0.05	ohm		
NDD	0	1E+12	5E+12	1E+13	
LL	0.050	0.050	0.050	0.050	
Min	2.952	2.345	2.560	2.541	
Average	2.952	3.301	3.030	3.622	
Max	2.952	6.320	4.088	6.046	
UL	8.000	8.000	8.000	8.000	

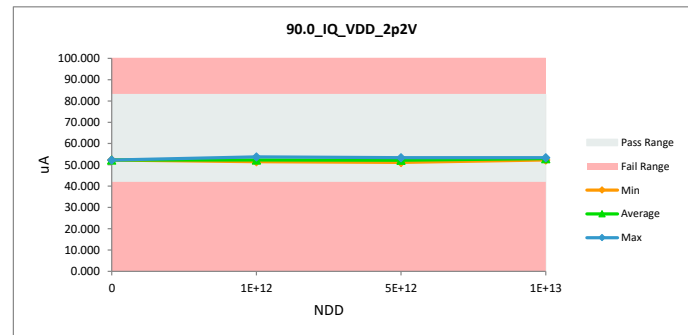


NDD Report TLV1704-SEP

		90.0 IQ_VDD_2p2V		
Unit		uA	uA	
Max Limit		83	83	
Min Limit		42	42	
NDD	Serial #	Pre	Post	Delta
1E+12	1	51.629	51.465	-0.164
1E+12	2	54.156	53.743	-0.413
1E+12	3	52.609	52.273	-0.336
1E+12	4	52.692	52.298	-0.393
1E+12	5	52.192	51.885	-0.307
5E+12	6	53.923	53.376	-0.547
5E+12	7	52.935	52.403	-0.532
5E+12	8	52.688	51.981	-0.707
5E+12	9	51.847	51.157	-0.689
5E+12	10	52.666	51.953	-0.713
1E+13	11	53.738	53.059	-0.680
1E+13	12	54.134	53.033	-1.101
1E+13	13	53.841	53.355	-0.485
1E+13	14	53.790	53.045	-0.745
1E+13	15	52.880	52.256	-0.624
0	c1	52.613	52.261	-0.353
	Max	54.156	53.743	-0.164
	Average	53.021	52.472	-0.549
	Min	51.629	51.157	-1.101
	Std Dev	0.810	0.729	0.227

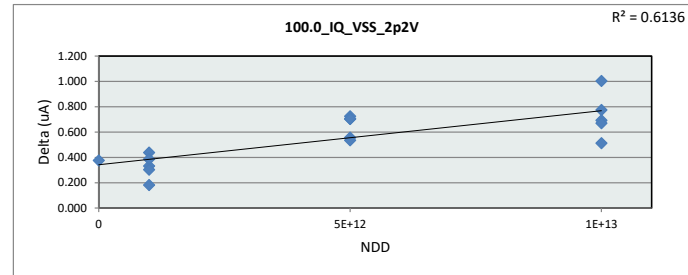


		90.0 IQ_VDD_2p2V		
Max Limit		83	uA	
Min Limit		42	uA	
NDD	0	1E+12	5E+12	1E+13
LL	42.000	42.000	42.000	42.000
Min	52.261	51.465	51.157	52.256
Average	52.261	52.333	52.174	52.950
Max	52.261	53.743	53.376	53.355
UL	83.000	83.000	83.000	83.000

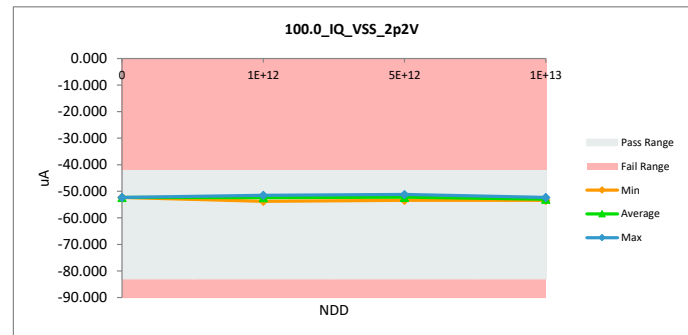


NDD Report TLV1704-SEP

100.0 IQ_VSS_2p2V				
Unit		uA	uA	
Max Limit		-42	-42	
Min Limit		-83	-83	
NDD	Serial #	Pre	Post	Delta
1E+12	1	-51.675	-51.494	0.181
1E+12	2	-54.218	-53.780	0.438
1E+12	3	-52.669	-52.337	0.331
1E+12	4	-52.721	-52.335	0.386
1E+12	5	-52.234	-51.931	0.303
5E+12	6	-53.969	-53.414	0.556
5E+12	7	-52.989	-52.455	0.534
5E+12	8	-52.740	-52.017	0.723
5E+12	9	-51.891	-51.189	0.703
5E+12	10	-52.718	-52.014	0.704
1E+13	11	-53.789	-53.097	0.692
1E+13	12	-54.093	-53.090	1.002
1E+13	13	-53.918	-53.406	0.512
1E+13	14	-53.852	-53.078	0.774
1E+13	15	-52.942	-52.273	0.669
0	c1	-52.692	-52.316	0.375
	Max	-51.675	-51.189	1.002
	Average	-53.069	-52.514	0.555
	Min	-54.218	-53.780	0.181
	Std Dev	0.806	0.730	0.213

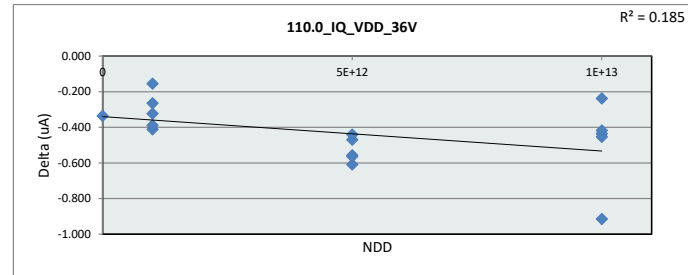


100.0 IQ_VSS_2p2V				
Max Limit		-42	uA	
Min Limit		-83	uA	
NDD	0	1E+12	5E+12	1E+13
LL	-83.000	-83.000	-83.000	-83.000
Min	-52.316	-53.781	-53.414	-53.406
Average	-52.316	-52.376	-52.218	-52.989
Max	-52.316	-51.494	-51.189	-52.274
UL	-42.000	-42.000	-42.000	-42.000

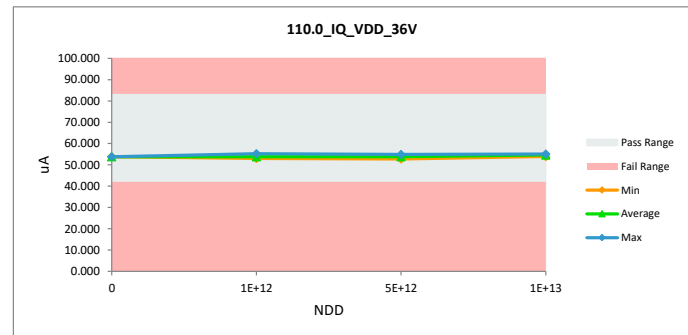


NDD Report
TLV1704-SEP

110.0 IQ_VDD_36V				
Unit		uA	uA	
Max Limit		83	83	
Min Limit		42	42	
NDD	Serial #	Pre	Post	Delta
1E+12	1	53.127	52.972	-0.155
1E+12	2	55.652	55.240	-0.412
1E+12	3	54.073	53.750	-0.324
1E+12	4	54.190	53.800	-0.389
1E+12	5	53.697	53.432	-0.265
5E+12	6	55.406	54.936	-0.470
5E+12	7	54.462	54.021	-0.441
5E+12	8	54.246	53.689	-0.557
5E+12	9	53.362	52.753	-0.609
5E+12	10	54.174	53.610	-0.564
1E+13	11	55.198	54.762	-0.436
1E+13	12	55.663	54.748	-0.915
1E+13	13	55.300	55.062	-0.238
1E+13	14	55.266	54.811	-0.454
1E+13	15	54.369	53.951	-0.418
0	c1	54.135	53.798	-0.337
	Max	55.663	55.240	-0.155
	Average	54.520	54.083	-0.437
	Min	53.127	52.753	-0.915
	Std Dev	0.801	0.755	0.176

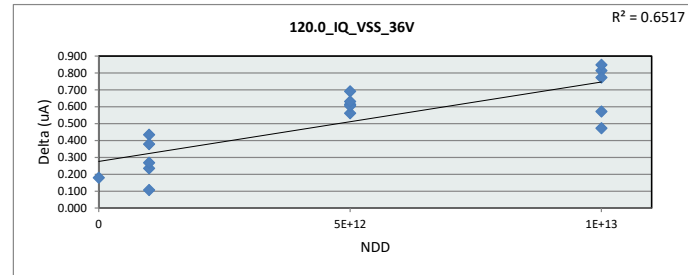


110.0 IQ_VDD_36V				
Max Limit	83	uA		
Min Limit	42	uA		
NDD	0	1E+12	5E+12	1E+13
LL	42.000	42.000	42.000	42.000
Min	53.798	52.972	52.753	53.951
Average	53.798	53.839	53.802	54.667
Max	53.798	55.240	54.936	55.062
UL	83.000	83.000	83.000	83.000

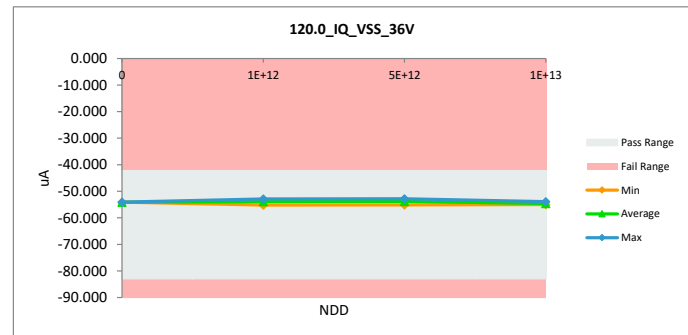


NDD Report
TLV1704-SEP

120.0 IQ_VSS_36V				
Unit		uA	uA	
Max Limit		-42	-42	
Min Limit		-83	-83	
NDD	Serial #	Pre	Post	Delta
1E+12	1	-53.114	-52.879	0.235
1E+12	2	-55.620	-55.187	0.433
1E+12	3	-54.213	-53.835	0.378
1E+12	4	-54.185	-54.079	0.106
1E+12	5	-53.798	-53.531	0.267
5E+12	6	-55.673	-55.112	0.561
5E+12	7	-54.648	-53.957	0.691
5E+12	8	-54.244	-53.630	0.614
5E+12	9	-53.419	-52.815	0.604
5E+12	10	-54.172	-53.542	0.630
1E+13	11	-55.511	-54.698	0.814
1E+13	12	-55.552	-54.704	0.848
1E+13	13	-55.568	-54.996	0.572
1E+13	14	-55.248	-54.776	0.472
1E+13	15	-54.643	-53.871	0.772
0	c1	-54.260	-54.081	0.179
	Max	-53.114	-52.815	0.848
	Average	-54.617	-54.106	0.511
	Min	-55.673	-55.187	0.106
	Std Dev	0.828	0.745	0.228

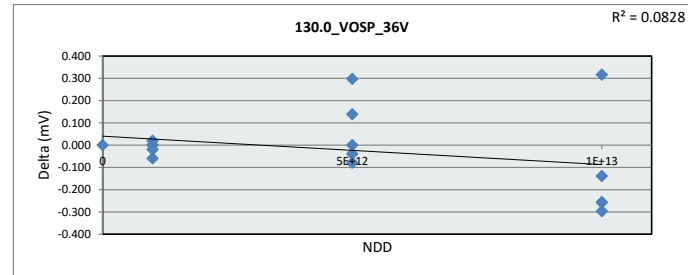


120.0 IQ_VSS_36V				
Max Limit		-42	uA	
Min Limit		-83	uA	
NDD	0	1E+12	5E+12	1E+13
LL	-83.000	-83.000	-83.000	-83.000
Min	-54.081	-55.187	-55.112	-54.996
Average	-54.081	-53.902	-53.811	-54.609
Max	-54.081	-52.879	-52.815	-53.871
UL	-42.000	-42.000	-42.000	-42.000

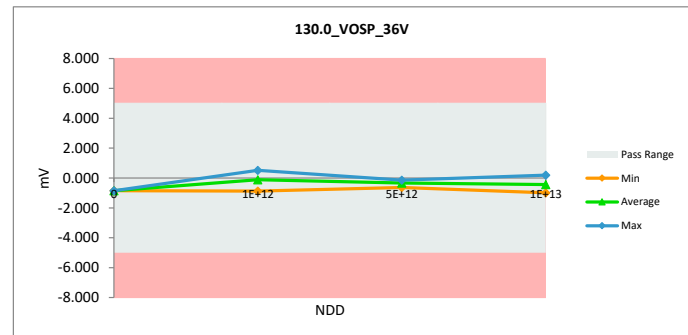


NDD Report
TLV1704-SEP

130.0_VOSP_36V				
Unit		mV	mV	
Max Limit		5	5	
Min Limit		-5	-5	
NDD	Serial #	Pre	Post	Delta
1E+12	1	-0.871	-0.871	0.000
1E+12	2	0.495	0.515	0.020
1E+12	3	-0.178	-0.178	0.000
1E+12	4	0.020	-0.040	-0.059
1E+12	5	0.020	0.000	-0.020
5E+12	6	-0.772	-0.634	0.139
5E+12	7	-0.455	-0.158	0.297
5E+12	8	-0.099	-0.139	-0.040
5E+12	9	-0.594	-0.594	0.000
5E+12	10	-0.079	-0.158	-0.079
1E+13	11	-0.119	0.198	0.317
1E+13	12	-0.851	-0.990	-0.139
1E+13	13	0.158	-0.139	-0.297
1E+13	14	-0.554	-0.812	-0.257
1E+13	15	-0.218	-0.475	-0.257
0	c1	-0.851	-0.851	0.000
Max		0.495	0.515	0.317
Average		-0.309	-0.333	-0.024
Min		-0.871	-0.990	-0.297
Std Dev		0.410	0.429	0.173

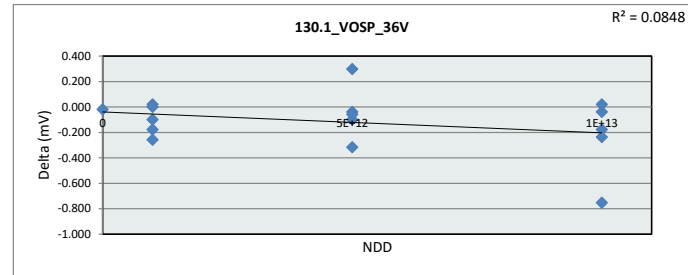


130.0_VOSP_36V				
Max Limit		5	mV	
Min Limit		-5	mV	
NDD	0	1E+12	5E+12	1E+13
LL		-5.000	-5.000	-5.000
Min		-0.852	-0.871	-0.634
Average		-0.852	-0.115	-0.337
Max		-0.852	0.515	-0.139
UL		5.000	5.000	5.000

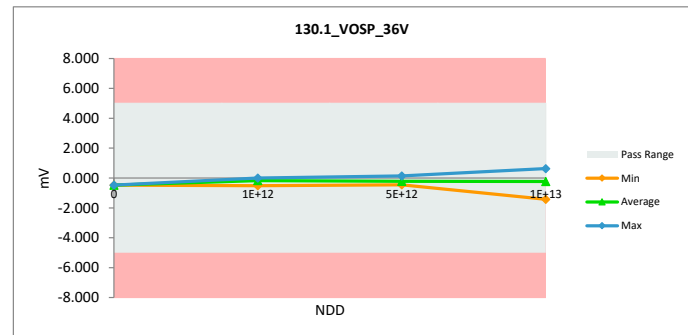


NDD Report
TLV1704-SEP

130.1_VOSP_36V				
Unit		mV	mV	
Max Limit		5	5	
Min Limit		-5	-5	
NDD	Serial #	Pre	Post	Delta
1E+12	1	0.257	0.000	-0.257
1E+12	2	-0.079	-0.059	0.020
1E+12	3	-0.297	-0.297	0.000
1E+12	4	0.099	0.000	-0.099
1E+12	5	-0.337	-0.515	-0.178
5E+12	6	-0.059	-0.099	-0.040
5E+12	7	-0.158	0.139	0.297
5E+12	8	-0.139	-0.455	-0.317
5E+12	9	-0.218	-0.317	-0.099
5E+12	10	-0.277	-0.337	-0.059
1E+13	11	0.020	-0.158	-0.178
1E+13	12	0.673	0.634	-0.040
1E+13	13	-0.356	-0.337	0.020
1E+13	14	0.356	0.119	-0.238
1E+13	15	-0.673	-1.426	-0.752
0	c1	-0.455	-0.475	-0.020
Max		0.673	0.634	0.297
Average		-0.103	-0.224	-0.121
Min		-0.673	-1.426	-0.752
Std Dev		0.332	0.433	0.221

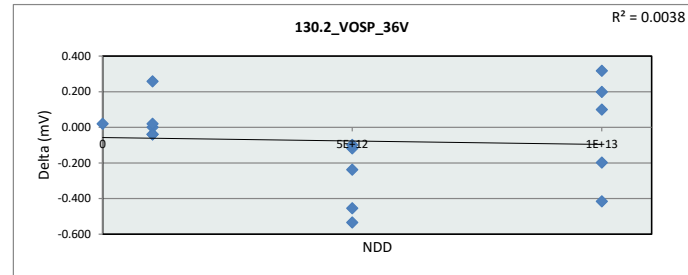


130.1_VOSP_36V				
Max Limit	5	mV		
Min Limit	-5	mV		
NDD	0	1E+12	5E+12	1E+13
LL	-5.000	-5.000	-5.000	-5.000
Min	-0.475	-0.515	-0.455	-1.426
Average	-0.475	-0.174	-0.214	-0.234
Max	-0.475	0.000	0.139	0.634
UL	5.000	5.000	5.000	5.000

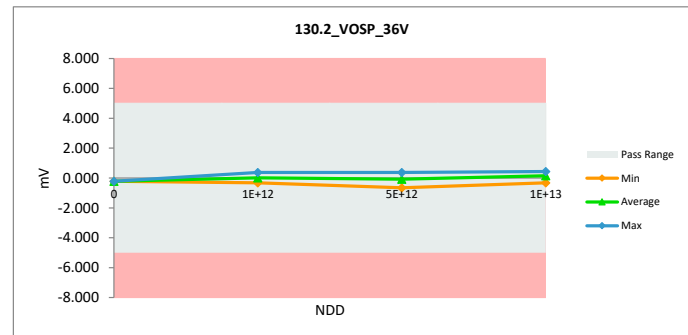


NDD Report
TLV1704-SEP

130.2_VOSP_36V				
Unit		mV	mV	
Max Limit		5	5	
Min Limit		-5	-5	
NDD	Serial #	Pre	Post	Delta
1E+12	1	-0.277	-0.277	0.000
1E+12	2	0.158	0.178	0.020
1E+12	3	0.416	0.376	-0.040
1E+12	4	0.119	0.079	-0.040
1E+12	5	-0.574	-0.317	0.257
5E+12	6	0.535	0.297	-0.238
5E+12	7	0.178	0.059	-0.119
5E+12	8	-0.119	-0.654	-0.535
5E+12	9	-0.040	-0.495	-0.455
5E+12	10	0.475	0.376	-0.099
1E+13	11	-0.040	0.277	0.317
1E+13	12	0.337	0.436	0.099
1E+13	13	0.079	0.277	0.198
1E+13	14	0.495	0.079	-0.416
1E+13	15	-0.119	-0.317	-0.198
0	c1	-0.238	-0.218	0.020
	Max	0.535	0.436	0.317
	Average	0.087	0.010	-0.077
	Min	-0.574	-0.654	-0.535
	Std Dev	0.316	0.342	0.246



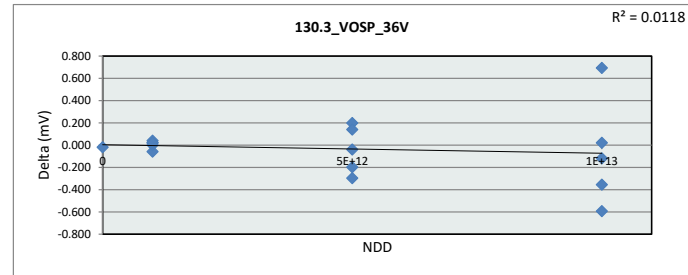
130.2_VOSP_36V				
Max Limit		5	mV	
Min Limit		-5	mV	
NDD	0	1E+12	5E+12	1E+13
LL	-5.000	-5.000	-5.000	-5.000
Min	-0.218	-0.317	-0.654	-0.317
Average	-0.218	0.008	-0.083	0.150
Max	-0.218	0.376	0.376	0.436
UL	5.000	5.000	5.000	5.000



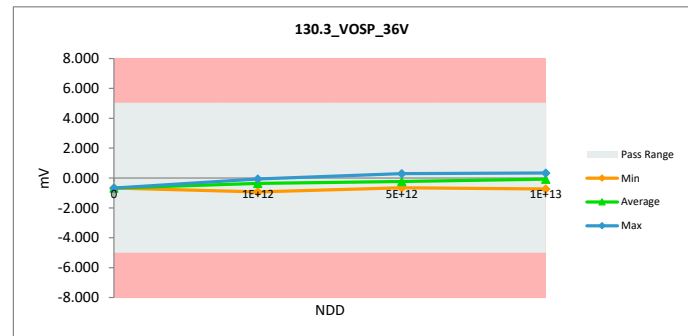
NDD Report

TLV1704-SEP

130.3_VOSP_36V				
Unit		mV	mV	
Max Limit		5	5	
Min Limit		-5	-5	
NDD	Serial #	Pre	Post	Delta
1E+12	1	-0.574	-0.634	-0.059
1E+12	2	-0.158	-0.119	0.040
1E+12	3	-0.099	-0.079	0.020
1E+12	4	-0.059	-0.059	0.000
1E+12	5	-0.951	-0.931	0.020
5E+12	6	-0.574	-0.376	0.198
5E+12	7	0.337	0.297	-0.040
5E+12	8	-0.356	-0.654	-0.297
5E+12	9	-0.040	0.099	0.139
5E+12	10	-0.317	-0.515	-0.198
1E+13	11	0.059	-0.059	-0.119
1E+13	12	-0.139	-0.733	-0.594
1E+13	13	0.119	0.139	0.020
1E+13	14	0.297	-0.059	-0.356
1E+13	15	-0.356	0.337	0.693
0	c1	-0.654	-0.673	-0.020
	Max	0.337	0.337	0.693
	Average	-0.217	-0.251	-0.035
	Min	-0.951	-0.931	-0.594
	Std Dev	0.353	0.395	0.277

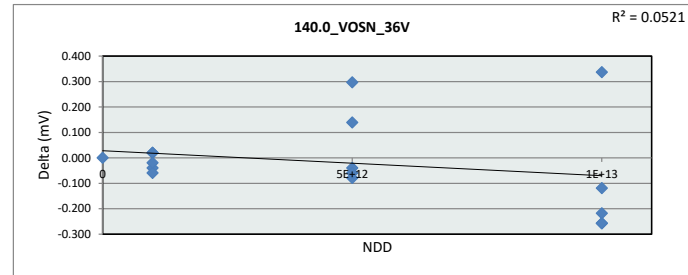


130.3_VOSP_36V				
Max Limit	5	mV		
Min Limit	-5	mV		
NDD	0	1E+12	5E+12	1E+13
LL	-5.000	-5.000	-5.000	-5.000
Min	-0.673	-0.931	-0.654	-0.733
Average	-0.673	-0.364	-0.230	-0.075
Max	-0.673	-0.059	0.297	0.337
UL	5.000	5.000	5.000	5.000

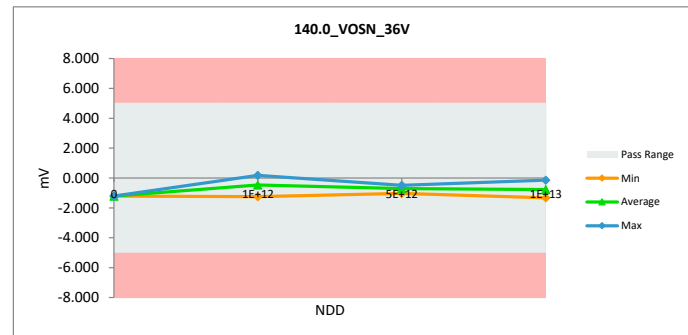


NDD Report
TLV1704-SEP

		140.0_VOSN_36V		
Unit		mV	mV	
Max Limit		5	5	
Min Limit		-5	-5	
NDD	Serial #	Pre	Post	Delta
1E+12	1	-1.208	-1.247	-0.040
1E+12	2	0.158	0.178	0.020
1E+12	3	-0.535	-0.515	0.020
1E+12	4	-0.337	-0.396	-0.059
1E+12	5	-0.337	-0.356	-0.020
5E+12	6	-1.129	-0.990	0.139
5E+12	7	-0.812	-0.515	0.297
5E+12	8	-0.455	-0.495	-0.040
5E+12	9	-0.951	-1.030	-0.079
5E+12	10	-0.436	-0.495	-0.059
1E+13	11	-0.475	-0.139	0.337
1E+13	12	-1.208	-1.327	-0.119
1E+13	13	-0.218	-0.436	-0.218
1E+13	14	-0.911	-1.168	-0.257
1E+13	15	-0.554	-0.812	-0.257
0	c1	-1.208	-1.208	0.000
	Max	0.158	0.178	0.337
	Average	-0.663	-0.684	-0.021
	Min	-1.208	-1.327	-0.257
	Std Dev	0.410	0.439	0.168



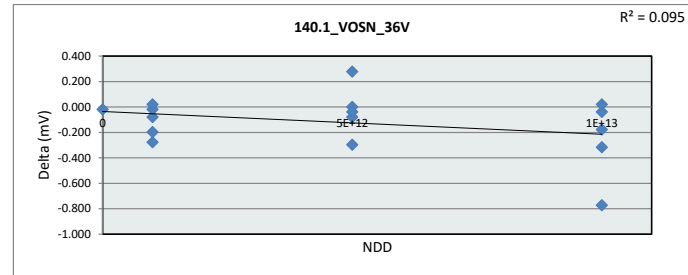
		140.0_VOSN_36V			
Max Limit		5	mV		
Min Limit		-5	mV		
NDD	0	1E+12	5E+12	1E+13	
LL	-5.000	-5.000	-5.000	-5.000	
Min	-1.208	-1.248	-1.030	-1.327	
Average	-1.208	-0.467	-0.705	-0.776	
Max	-1.208	0.178	-0.495	-0.139	
UL	5.000	5.000	5.000	5.000	



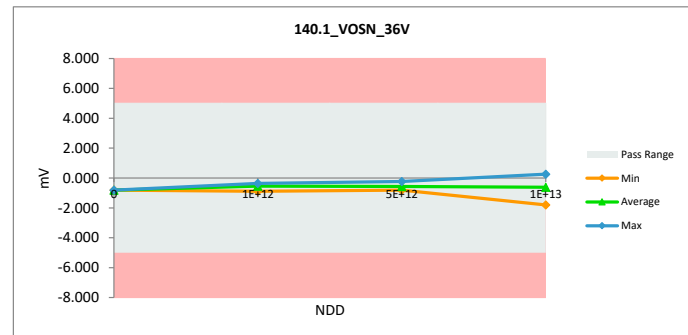
NDD Report

TLV1704-SEP

140.1_VOSN_36V				
Unit		mV	mV	
Max Limit		5	5	
Min Limit		-5	-5	
NDD	Serial #	Pre	Post	Delta
1E+12	1	-0.099	-0.376	-0.277
1E+12	2	-0.416	-0.436	-0.020
1E+12	3	-0.673	-0.654	0.020
1E+12	4	-0.277	-0.356	-0.079
1E+12	5	-0.693	-0.891	-0.198
5E+12	6	-0.436	-0.436	0.000
5E+12	7	-0.515	-0.238	0.277
5E+12	8	-0.515	-0.812	-0.297
5E+12	9	-0.574	-0.654	-0.079
5E+12	10	-0.654	-0.693	-0.040
1E+13	11	-0.337	-0.515	-0.178
1E+13	12	0.297	0.257	-0.040
1E+13	13	-0.713	-0.693	0.020
1E+13	14	-0.020	-0.337	-0.317
1E+13	15	-1.030	-1.802	-0.772
0	c1	-0.792	-0.812	-0.020
	Max	0.297	0.257	0.277
	Average	-0.465	-0.590	-0.125
	Min	-1.030	-1.802	-0.772
	Std Dev	0.327	0.428	0.228

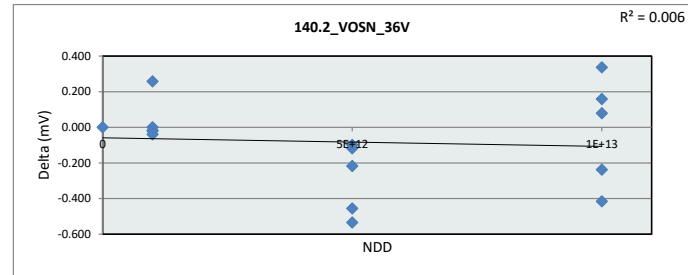


140.1_VOSN_36V				
Max Limit		5	mV	
Min Limit		-5	mV	
NDD	0	1E+12	5E+12	1E+13
LL	-5.000	-5.000	-5.000	-5.000
Min	-0.812	-0.891	-0.812	-1.802
Average	-0.812	-0.543	-0.566	-0.618
Max	-0.812	-0.356	-0.238	0.257
UL	5.000	5.000	5.000	5.000

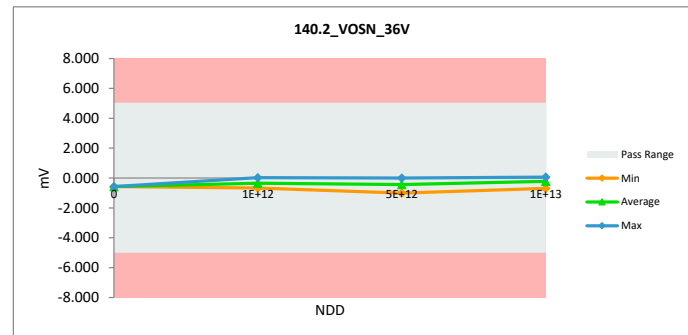


NDD Report
TLV1704-SEP

		140.2_VOSN_36V		
Unit		mV	mV	
Max Limit		5	5	
Min Limit		-5	-5	
NDD	Serial #	Pre	Post	Delta
1E+12	1	-0.634	-0.654	-0.020
1E+12	2	-0.178	-0.178	0.000
1E+12	3	0.040	0.020	-0.020
1E+12	4	-0.238	-0.277	-0.040
1E+12	5	-0.931	-0.673	0.257
5E+12	6	0.158	-0.059	-0.218
5E+12	7	-0.178	-0.277	-0.099
5E+12	8	-0.475	-1.010	-0.535
5E+12	9	-0.416	-0.871	-0.455
5E+12	10	0.119	0.000	-0.119
1E+13	11	-0.416	-0.079	0.337
1E+13	12	-0.020	0.059	0.079
1E+13	13	-0.277	-0.119	0.158
1E+13	14	0.139	-0.277	-0.416
1E+13	15	-0.455	-0.693	-0.238
0	c1	-0.574	-0.574	0.000
	Max	0.158	0.059	0.337
	Average	-0.271	-0.354	-0.083
	Min	-0.931	-1.010	-0.535
	Std Dev	0.312	0.342	0.245

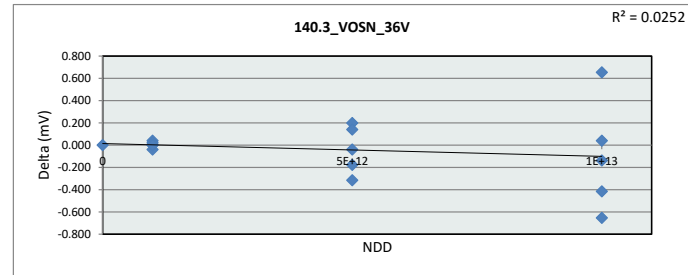


		140.2_VOSN_36V			
Max Limit		5	mV		
Min Limit		-5	mV		
NDD	0	1E+12	5E+12	1E+13	
LL	-5.000	-5.000	-5.000	-5.000	
Min	-0.574	-0.673	-1.010	-0.693	
Average	-0.574	-0.352	-0.444	-0.222	
Max	-0.574	0.020	0.000	0.059	
UL	5.000	5.000	5.000	5.000	

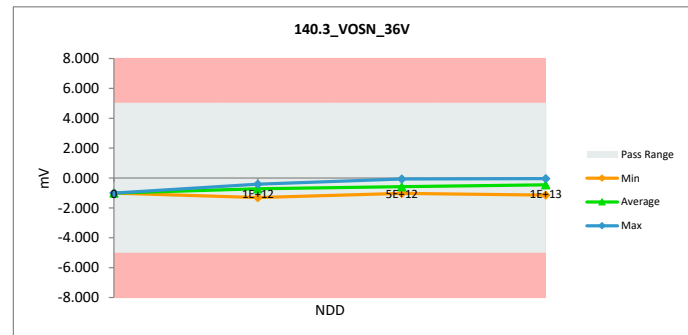


NDD Report
TLV1704-SEP

140.3_VOSN_36V				
Unit		mV	mV	
Max Limit		5	5	
Min Limit		-5	-5	
NDD	Serial #	Pre	Post	Delta
1E+12	1	-0.951	-0.990	-0.040
1E+12	2	-0.515	-0.475	0.040
1E+12	3	-0.455	-0.436	0.020
1E+12	4	-0.416	-0.416	0.000
1E+12	5	-1.307	-1.307	0.000
5E+12	6	-0.911	-0.713	0.198
5E+12	7	-0.020	-0.059	-0.040
5E+12	8	-0.713	-1.030	-0.317
5E+12	9	-0.396	-0.257	0.139
5E+12	10	-0.673	-0.851	-0.178
1E+13	11	-0.297	-0.436	-0.139
1E+13	12	-0.495	-1.148	-0.653
1E+13	13	-0.238	-0.198	0.040
1E+13	14	-0.040	-0.455	-0.416
1E+13	15	-0.693	-0.040	0.653
0	c1	-1.010	-1.010	0.000
	Max	-0.020	-0.040	0.653
	Average	-0.571	-0.614	-0.043
	Min	-1.307	-1.307	-0.653
	Std Dev	0.355	0.399	0.284

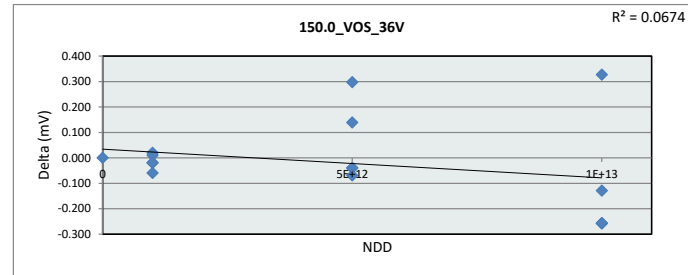


140.3_VOSN_36V				
Max Limit	5	mV		
Min Limit	-5	mV		
NDD	0	1E+12	5E+12	1E+13
LL	-5.000	-5.000	-5.000	-5.000
Min	-1.010	-1.307	-1.030	-1.149
Average	-1.010	-0.725	-0.582	-0.455
Max	-1.010	-0.416	-0.059	-0.040
UL	5.000	5.000	5.000	5.000

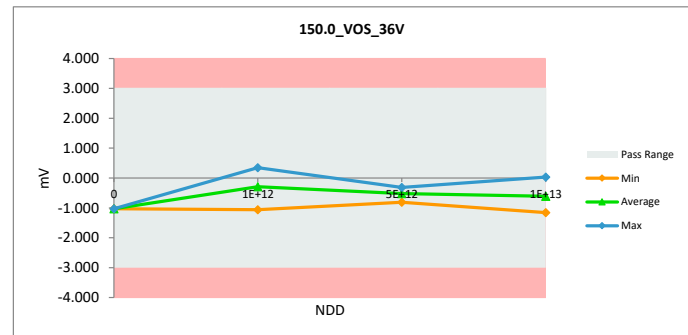


NDD Report
TLV1704-SEP

150.0_VOS_36V				
Unit		mV	mV	
Max Limit		3	3	
Min Limit		-3	-3	
NDD	Serial #	Pre	Post	Delta
1E+12	1	-1.040	-1.059	-0.020
1E+12	2	0.327	0.347	0.020
1E+12	3	-0.356	-0.347	0.010
1E+12	4	-0.158	-0.218	-0.059
1E+12	5	-0.158	-0.178	-0.020
5E+12	6	-0.951	-0.812	0.139
5E+12	7	-0.634	-0.337	0.297
5E+12	8	-0.277	-0.317	-0.040
5E+12	9	-0.772	-0.812	-0.040
5E+12	10	-0.257	-0.327	-0.069
1E+13	11	-0.297	0.030	0.327
1E+13	12	-1.030	-1.158	-0.129
1E+13	13	-0.030	-0.287	-0.257
1E+13	14	-0.733	-0.990	-0.257
1E+13	15	-0.386	-0.644	-0.257
0	c1	-1.030	-1.030	0.000
	Max	0.327	0.347	0.327
	Average	-0.486	-0.509	-0.022
	Min	-1.040	-1.158	-0.257
	Std Dev	0.410	0.434	0.170

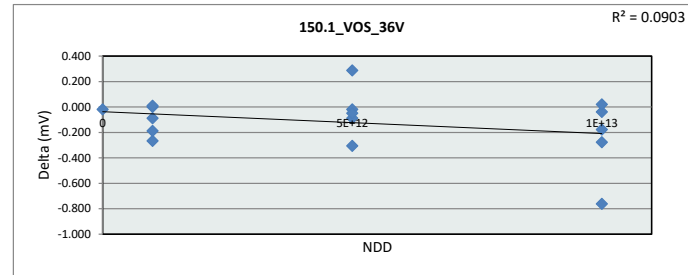


150.0_VOS_36V				
Max Limit		3	mV	
Min Limit		-3	mV	
NDD	0	1E+12	5E+12	1E+13
LL	-3.000	-3.000	-3.000	-3.000
Min	-1.030	-1.059	-0.812	-1.158
Average	-1.030	-0.291	-0.521	-0.610
Max	-1.030	0.347	-0.317	0.030
UL	3.000	3.000	3.000	3.000

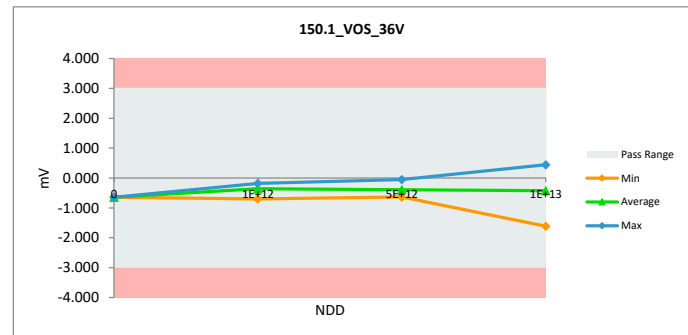


NDD Report
TLV1704-SEP

150.1_VOS_36V				
Unit		mV	mV	
Max Limit		3	3	
Min Limit		-3	-3	
NDD	Serial #	Pre	Post	Delta
1E+12	1	0.079	-0.188	-0.267
1E+12	2	-0.248	-0.248	0.000
1E+12	3	-0.485	-0.475	0.010
1E+12	4	-0.089	-0.178	-0.089
1E+12	5	-0.515	-0.703	-0.188
5E+12	6	-0.248	-0.267	-0.020
5E+12	7	-0.337	-0.049	0.287
5E+12	8	-0.327	-0.634	-0.307
5E+12	9	-0.396	-0.485	-0.089
5E+12	10	-0.465	-0.515	-0.050
1E+13	11	-0.158	-0.337	-0.178
1E+13	12	0.485	0.445	-0.040
1E+13	13	-0.535	-0.515	0.020
1E+13	14	0.168	-0.109	-0.277
1E+13	15	-0.851	-1.614	-0.762
0	c1	-0.624	-0.644	-0.020
	Max	0.485	0.445	0.287
	Average	-0.284	-0.407	-0.123
	Min	-0.851	-1.614	-0.762
	Std Dev	0.330	0.430	0.224

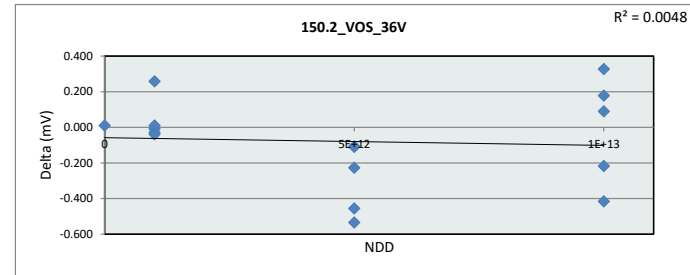


150.1_VOS_36V				
Max Limit	3	mV		
Min Limit	-3	mV		
NDD	0	1E+12	5E+12	1E+13
LL	-3.000	-3.000	-3.000	-3.000
Min	-0.644	-0.703	-0.634	-1.614
Average	-0.644	-0.358	-0.390	-0.426
Max	-0.644	-0.178	-0.050	0.446
UL	3.000	3.000	3.000	3.000

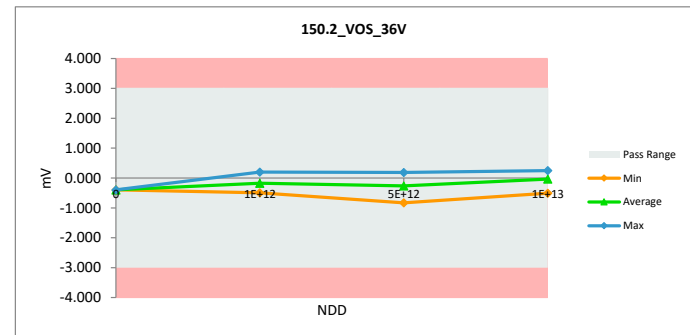


NDD Report TLV1704-SEP

150.2_VOS_36V				
Unit		mV	mV	
Max Limit		3	3	
Min Limit		-3	-3	
NDD	Serial #	Pre	Post	Delta
1E+12	1	-0.455	-0.465	-0.010
1E+12	2	-0.010	0.000	0.010
1E+12	3	0.228	0.198	-0.030
1E+12	4	-0.059	-0.099	-0.040
1E+12	5	-0.752	-0.495	0.257
5E+12	6	0.347	0.119	-0.228
5E+12	7	0.000	-0.109	-0.109
5E+12	8	-0.297	-0.832	-0.535
5E+12	9	-0.228	-0.683	-0.456
5E+12	10	0.297	0.188	-0.109
1E+13	11	-0.228	0.099	0.327
1E+13	12	0.158	0.248	0.089
1E+13	13	-0.099	0.079	0.178
1E+13	14	0.317	-0.099	-0.416
1E+13	15	-0.287	-0.505	-0.218
0	c1	-0.406	-0.396	0.010
Max		0.347	0.248	0.327
Average		-0.092	-0.172	-0.080
Min		-0.752	-0.832	-0.535
Std Dev		0.314	0.342	0.245

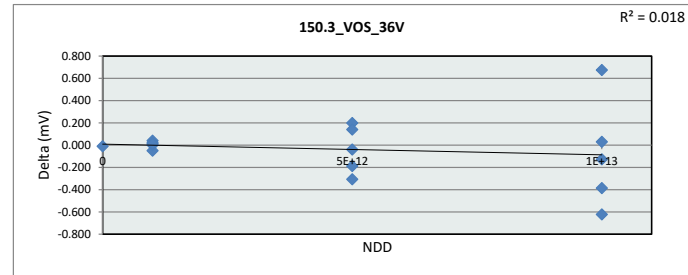


150.2_VOS_36V				
Max Limit		3	mV	
Min Limit		-3	mV	
NDD	0	1E+12	5E+12	1E+13
LL		-3.000	-3.000	-3.000
Min		-0.396	-0.495	-0.832
Average		-0.396	-0.172	-0.263
Max		-0.396	0.198	0.188
UL		3.000	3.000	3.000

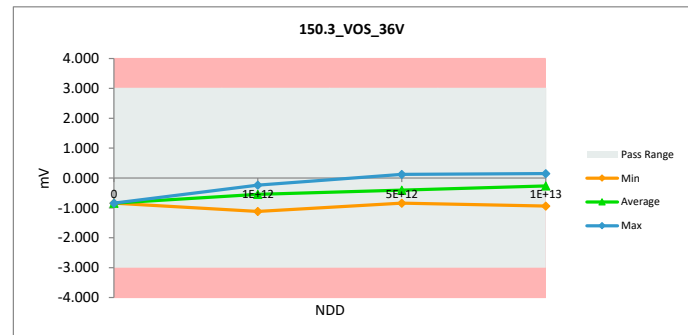


NDD Report
TLV1704-SEP

150.3_VOS_36V				
Unit		mV	mV	
Max Limit		3	3	
Min Limit		-3	-3	
NDD	Serial #	Pre	Post	Delta
1E+12	1	-0.762	-0.812	-0.050
1E+12	2	-0.337	-0.297	0.040
1E+12	3	-0.277	-0.257	0.020
1E+12	4	-0.238	-0.238	0.000
1E+12	5	-1.129	-1.119	0.010
5E+12	6	-0.743	-0.545	0.198
5E+12	7	0.158	0.119	-0.040
5E+12	8	-0.535	-0.842	-0.307
5E+12	9	-0.218	-0.079	0.139
5E+12	10	-0.495	-0.683	-0.188
1E+13	11	-0.119	-0.248	-0.129
1E+13	12	-0.317	-0.941	-0.624
1E+13	13	-0.059	-0.030	0.030
1E+13	14	0.129	-0.257	-0.386
1E+13	15	-0.525	0.148	0.673
0	c1	-0.832	-0.842	-0.010
Max		0.158	0.148	0.673
Average		-0.394	-0.433	-0.039
Min		-1.129	-1.119	-0.624
Std Dev		0.354	0.397	0.280

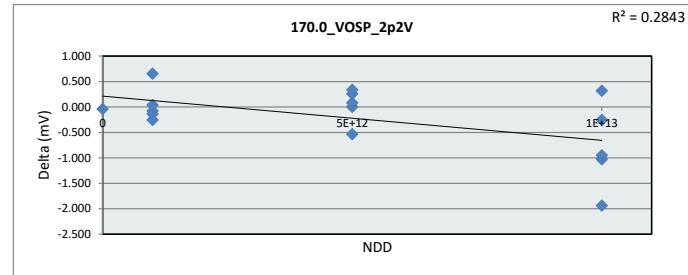


150.3_VOS_36V				
Max Limit		3	mV	
Min Limit		-3	mV	
NDD	0	1E+12	5E+12	1E+13
LL		-3.000	-3.000	-3.000
Min		-0.842	-1.119	-0.842
Average		-0.842	-0.545	-0.406
Max		-0.842	-0.238	0.119
UL		3.000	3.000	3.000

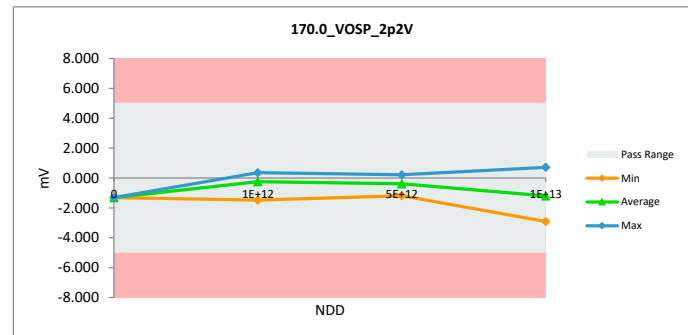


NDD Report
TLV1704-SEP

		170.0_VOSP_2p2V		
Unit		mV	mV	
Max Limit		5	5	
Min Limit		-5	-5	
NDD	Serial #	Pre	Post	Delta
1E+12	1	-1.228	-1.485	-0.257
1E+12	2	0.079	-0.059	-0.139
1E+12	3	-0.297	0.356	0.653
1E+12	4	0.416	0.337	-0.079
1E+12	5	-0.416	-0.376	0.040
5E+12	6	-0.733	-0.733	0.000
5E+12	7	-0.554	-0.297	0.257
5E+12	8	0.020	0.099	0.079
5E+12	9	-0.654	-1.188	-0.535
5E+12	10	-0.119	0.218	0.337
1E+13	11	-0.158	-0.416	-0.257
1E+13	12	-0.772	-1.802	-1.030
1E+13	13	0.396	0.713	0.317
1E+13	14	-0.970	-2.911	-1.941
1E+13	15	-0.594	-1.545	-0.951
0	c1	-1.267	-1.307	-0.040
	Max	0.416	0.713	0.653
	Average	-0.428	-0.650	-0.222
	Min	-1.267	-2.911	-1.941
	Std Dev	0.515	0.981	0.638

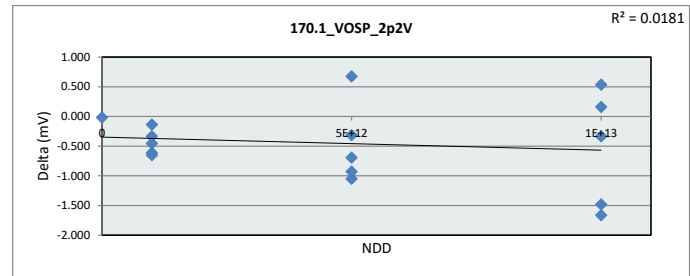


		170.0_VOSP_2p2V		
Max Limit		5	mV	
Min Limit		-5	mV	
NDD	0	1E+12	5E+12	1E+13
LL	-5.000	-5.000	-5.000	-5.000
Min	-1.307	-1.485	-1.188	-2.911
Average	-1.307	-0.246	-0.380	-1.192
Max	-1.307	0.356	0.218	0.713
UL	5.000	5.000	5.000	5.000

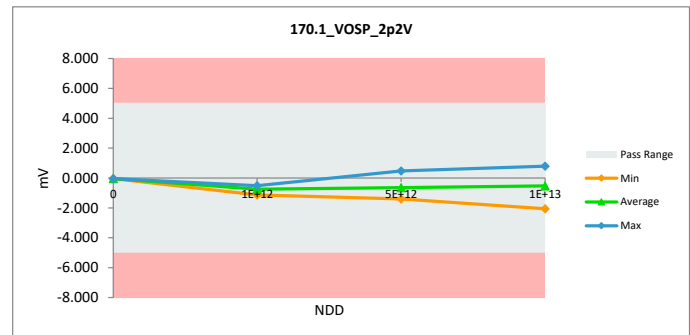


NDD Report
TLV1704-SEP

		170.1_VOSP_2p2V		
Unit		mV	mV	
Max Limit		5	5	
Min Limit		-5	-5	
NDD	Serial #	Pre	Post	Delta
1E+12	1	-0.059	-0.673	-0.614
1E+12	2	-0.574	-0.911	-0.337
1E+12	3	-0.376	-0.515	-0.139
1E+12	4	0.139	-0.515	-0.654
1E+12	5	-0.673	-1.129	-0.455
5E+12	6	0.020	-0.673	-0.693
5E+12	7	-0.198	0.475	0.673
5E+12	8	-0.356	-1.406	-1.049
5E+12	9	-0.099	-1.030	-0.931
5E+12	10	-0.257	-0.574	-0.317
1E+13	11	-0.079	-0.416	-0.337
1E+13	12	0.634	0.792	0.158
1E+13	13	0.079	0.614	0.535
1E+13	14	0.099	-1.564	-1.663
1E+13	15	-0.574	-2.059	-1.485
0	c1	-0.020	-0.040	-0.020
	Max	0.634	0.792	0.673
	Average	-0.144	-0.601	-0.458
	Min	-0.673	-2.059	-1.663
	Std Dev	0.328	0.784	0.642

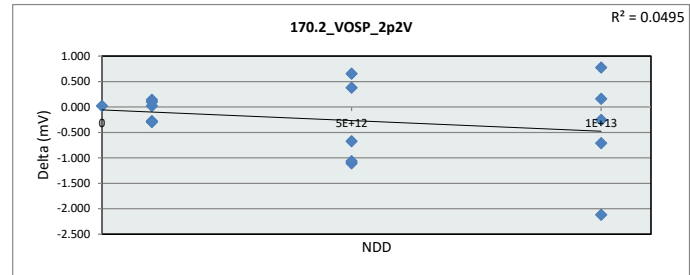


		170.1_VOSP_2p2V		
Max Limit		5	mV	
Min Limit		-5	mV	
NDD	0	1E+12	5E+12	1E+13
LL	-5.000	-5.000	-5.000	-5.000
Min	-0.040	-1.129	-1.406	-2.059
Average	-0.040	-0.749	-0.642	-0.527
Max	-0.040	-0.515	0.475	0.792
UL	5.000	5.000	5.000	5.000

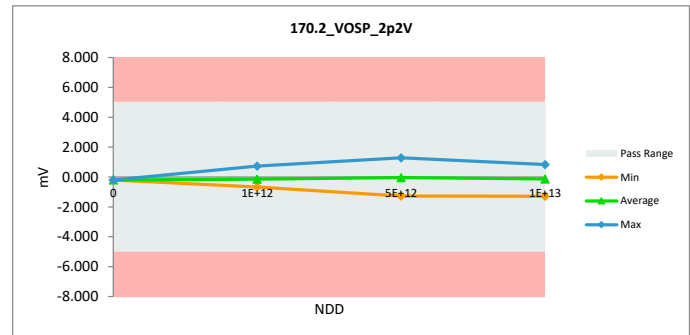


NDD Report TLV1704-SEP

		170.2_VOSP_2p2V		
Unit		mV	mV	
Max Limit		5	5	
Min Limit		-5	-5	
NDD	Serial #	Pre	Post	Delta
1E+12	1	-0.317	-0.178	0.139
1E+12	2	0.713	0.733	0.020
1E+12	3	0.297	0.020	-0.277
1E+12	4	-0.297	-0.594	-0.297
1E+12	5	-0.772	-0.673	0.099
5E+12	6	0.634	1.287	0.653
5E+12	7	0.554	-0.119	-0.673
5E+12	8	-0.158	-1.267	-1.109
5E+12	9	0.079	-0.990	-1.069
5E+12	10	0.535	0.911	0.376
1E+13	11	-0.139	0.020	0.158
1E+13	12	0.792	0.535	-0.257
1E+13	13	0.059	0.832	0.772
1E+13	14	0.832	-1.287	-2.119
1E+13	15	-0.020	-0.733	-0.713
0	c1	-0.218	-0.198	0.020
	Max	0.832	1.287	0.772
	Average	0.161	-0.106	-0.267
	Min	-0.772	-1.287	-2.119
	Std Dev	0.475	0.795	0.736

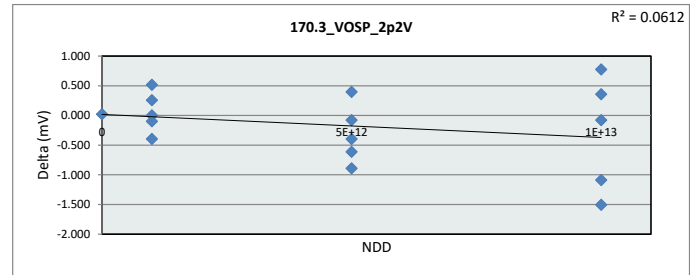


		170.2_VOSP_2p2V		
Max Limit		5	mV	
Min Limit		-5	mV	
NDD	0	1E+12	5E+12	1E+13
LL	-5.000	-5.000	-5.000	-5.000
Min	-0.198	-0.673	-1.267	-1.287
Average	-0.198	-0.139	-0.036	-0.127
Max	-0.198	0.733	1.287	0.832
UL	5.000	5.000	5.000	5.000

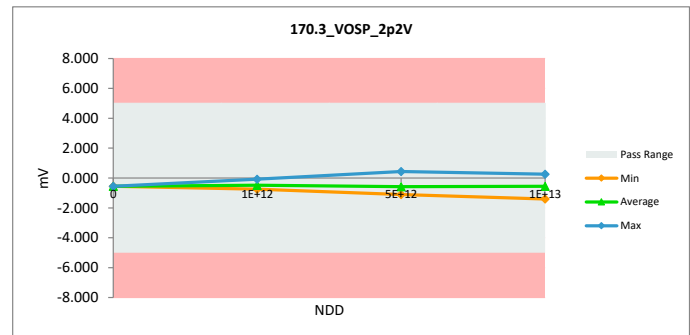


NDD Report TLV1704-SEP

170.3_VOSP_2p2V				
Unit		mV	mV	
Max Limit		5	5	
Min Limit		-5	-5	
NDD	Serial #	Pre	Post	Delta
1E+12	1	-0.495	-0.594	-0.099
1E+12	2	-0.178	-0.574	-0.396
1E+12	3	-0.594	-0.079	0.515
1E+12	4	-0.416	-0.416	0.000
1E+12	5	-1.010	-0.752	0.257
5E+12	6	-0.119	-0.515	-0.396
5E+12	7	0.040	0.436	0.396
5E+12	8	-0.990	-1.069	-0.079
5E+12	9	-0.020	-0.634	-0.614
5E+12	10	-0.218	-1.109	-0.891
1E+13	11	-0.099	0.257	0.356
1E+13	12	-0.158	-1.247	-1.089
1E+13	13	-0.119	-0.198	-0.079
1E+13	14	0.099	-1.406	-1.505
1E+13	15	-0.931	-0.158	0.772
0	c1	-0.574	-0.554	0.020
	Max	0.099	0.436	0.772
	Average	-0.361	-0.538	-0.177
	Min	-1.010	-1.406	-1.505
	Std Dev	0.368	0.516	0.615

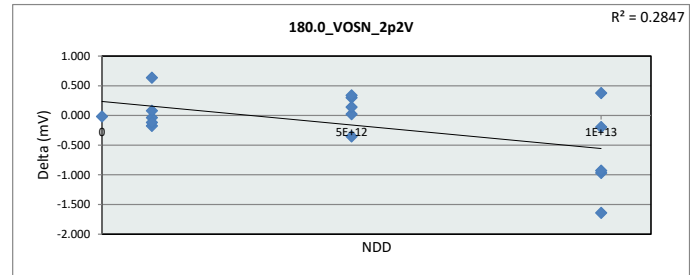


170.3_VOSP_2p2V				
Max Limit	5	mV		
Min Limit	-5	mV		
NDD	0	1E+12	5E+12	1E+13
LL	-5.000	-5.000	-5.000	-5.000
Min	-0.555	-0.753	-1.109	-1.406
Average	-0.555	-0.483	-0.578	-0.550
Max	-0.555	-0.079	0.436	0.257
UL	5.000	5.000	5.000	5.000

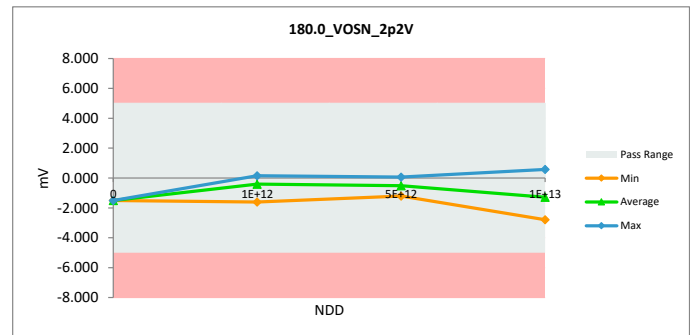


NDD Report
TLV1704-SEP

		180.0_VOSN_2p2V		
Unit		mV	mV	
Max Limit		5	5	
Min Limit		-5	-5	
NDD	Serial #	Pre	Post	Delta
1E+12	1	-1.426	-1.604	-0.178
1E+12	2	-0.139	-0.178	-0.040
1E+12	3	-0.475	0.158	0.634
1E+12	4	0.238	0.119	-0.119
1E+12	5	-0.614	-0.535	0.079
5E+12	6	-0.931	-0.911	0.020
5E+12	7	-0.752	-0.455	0.297
5E+12	8	-0.178	-0.040	0.139
5E+12	9	-0.851	-1.208	-0.356
5E+12	10	-0.277	0.059	0.337
1E+13	11	-0.356	-0.554	-0.198
1E+13	12	-0.970	-1.941	-0.970
1E+13	13	0.198	0.574	0.376
1E+13	14	-1.148	-2.792	-1.644
1E+13	15	-0.792	-1.723	-0.931
0	c1	-1.485	-1.505	-0.020
	Max	0.238	0.574	0.634
	Average	-0.623	-0.783	-0.161
	Min	-1.485	-2.792	-1.644
	Std Dev	0.519	0.932	0.582

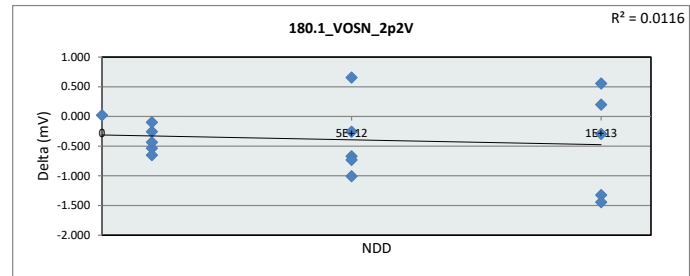


		180.0_VOSN_2p2V			
Max Limit		5	mV		
Min Limit		-5	mV		
NDD	0	1E+12	5E+12	1E+13	
LL	-5.000	-5.000	-5.000	-5.000	
Min	-1.505	-1.604	-1.208	-2.792	
Average	-1.505	-0.408	-0.511	-1.287	
Max	-1.505	0.158	0.059	0.574	
UL	5.000	5.000	5.000	5.000	

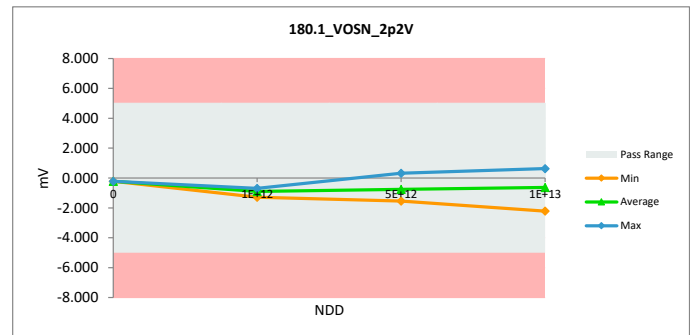


NDD Report TLV1704-SEP

		180.1_VOSN_2p2V		
Unit		mV	mV	
Max Limit		5	5	
Min Limit		-5	-5	
NDD	Serial #	Pre	Post	Delta
1E+12	1	-0.238	-0.772	-0.535
1E+12	2	-0.792	-1.049	-0.257
1E+12	3	-0.594	-0.693	-0.099
1E+12	4	-0.040	-0.693	-0.653
1E+12	5	-0.851	-1.287	-0.436
5E+12	6	-0.158	-0.832	-0.673
5E+12	7	-0.337	0.317	0.653
5E+12	8	-0.535	-1.545	-1.010
5E+12	9	-0.277	-1.010	-0.733
5E+12	10	-0.475	-0.733	-0.257
1E+13	11	-0.277	-0.574	-0.297
1E+13	12	0.436	0.634	0.198
1E+13	13	-0.099	0.455	0.554
1E+13	14	-0.119	-1.446	-1.327
1E+13	15	-0.772	-2.218	-1.445
0	c1	-0.238	-0.218	0.020
	Max	0.436	0.634	0.653
	Average	-0.335	-0.729	-0.394
	Min	-0.851	-2.218	-1.445
	Std Dev	0.330	0.755	0.594

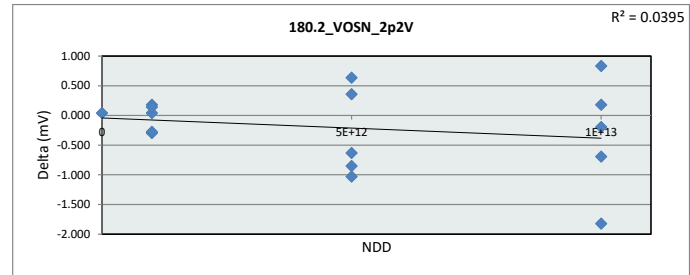


		180.1_VOSN_2p2V		
Max Limit		5	mV	
Min Limit		-5	mV	
NDD	0	1E+12	5E+12	1E+13
LL	-5.000	-5.000	-5.000	-5.000
Min	-0.218	-1.287	-1.545	-2.218
Average	-0.218	-0.899	-0.760	-0.630
Max	-0.218	-0.693	0.317	0.634
UL	5.000	5.000	5.000	5.000

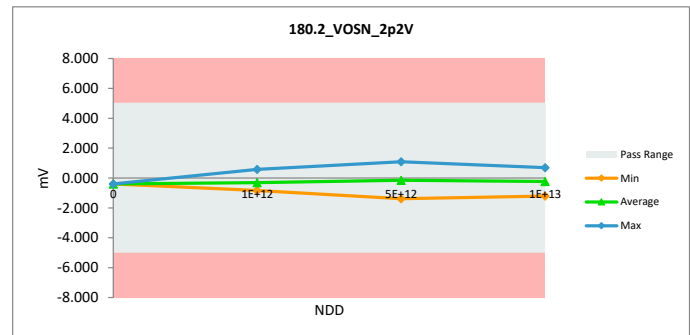


NDD Report
TLV1704-SEP

		180.2_VOSN_2p2V		
Unit		mV	mV	
Max Limit		5	5	
Min Limit		-5	-5	
NDD	Serial #	Pre	Post	Delta
1E+12	1	-0.515	-0.337	0.178
1E+12	2	0.535	0.574	0.040
1E+12	3	0.119	-0.178	-0.297
1E+12	4	-0.495	-0.772	-0.277
1E+12	5	-0.970	-0.832	0.139
5E+12	6	0.455	1.089	0.634
5E+12	7	0.376	-0.257	-0.634
5E+12	8	-0.356	-1.386	-1.030
5E+12	9	-0.099	-0.951	-0.852
5E+12	10	0.396	0.752	0.356
1E+13	11	-0.337	-0.158	0.178
1E+13	12	0.614	0.416	-0.198
1E+13	13	-0.139	0.693	0.832
1E+13	14	0.614	-1.208	-1.822
1E+13	15	-0.198	-0.891	-0.693
0	c1	-0.436	-0.396	0.040
Max		0.614	1.089	0.832
Average		-0.027	-0.240	-0.213
Min		-0.970	-1.386	-1.822
Std Dev		0.483	0.756	0.672

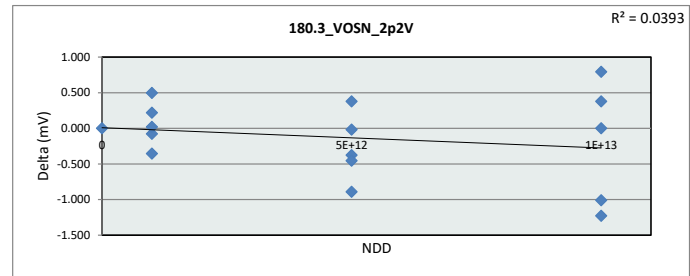


		180.2_VOSN_2p2V		
Max Limit		5	mV	
Min Limit		-5	mV	
NDD	0	1E+12	5E+12	1E+13
LL	-5.000	-5.000	-5.000	-5.000
Min	-0.396	-0.832	-1.386	-1.208
Average	-0.396	-0.309	-0.150	-0.230
Max	-0.396	0.574	1.089	0.693
UL	5.000	5.000	5.000	5.000

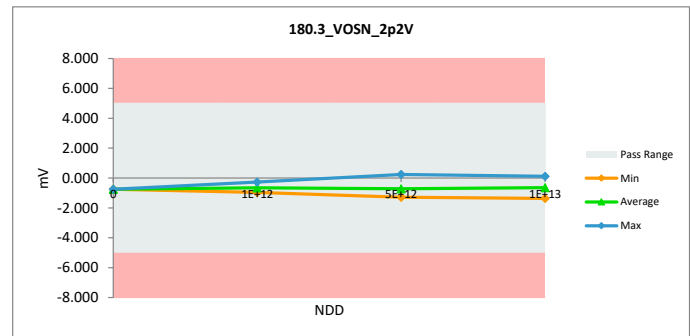


NDD Report
TLV1704-SEP

		180.3_VOSN_2p2V		
Unit		mV	mV	
Max Limit		5	5	
Min Limit		-5	-5	
NDD	Serial #	Pre	Post	Delta
1E+12	1	-0.673	-0.752	-0.079
1E+12	2	-0.356	-0.713	-0.356
1E+12	3	-0.772	-0.277	0.495
1E+12	4	-0.614	-0.594	0.020
1E+12	5	-1.188	-0.970	0.218
5E+12	6	-0.317	-0.693	-0.376
5E+12	7	-0.139	0.238	0.376
5E+12	8	-1.188	-1.208	-0.020
5E+12	9	-0.218	-0.673	-0.456
5E+12	10	-0.396	-1.287	-0.891
1E+13	11	-0.257	0.119	0.376
1E+13	12	-0.356	-1.366	-1.010
1E+13	13	-0.317	-0.317	0.000
1E+13	14	-0.099	-1.327	-1.228
1E+13	15	-1.129	-0.337	0.792
0	c1	-0.752	-0.752	0.000
	Max	-0.099	0.238	0.792
	Average	-0.548	-0.682	-0.134
	Min	-1.188	-1.366	-1.228
	Std Dev	0.368	0.485	0.561

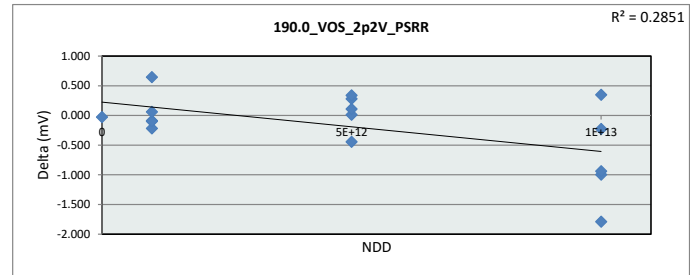


		180.3_VOSN_2p2V			
Max Limit		5	mV		
Min Limit		-5	mV		
NDD	0	1E+12	5E+12	1E+13	
LL	-5.000	-5.000	-5.000	-5.000	
Min	-0.753	-0.970	-1.287	-1.366	
Average	-0.753	-0.661	-0.725	-0.646	
Max	-0.753	-0.277	0.238	0.119	
UL	5.000	5.000	5.000	5.000	

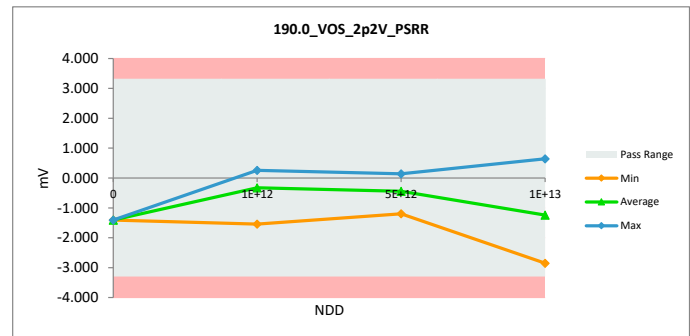


NDD Report
TLV1704-SEP

		190.0_VOS_2p2V_PSRR		
Unit		mV	mV	
Max Limit		3.3	3.3	
Min Limit		-3.3	-3.3	
NDD	Serial #	Pre	Post	Delta
1E+12	1	-1.327	-1.545	-0.218
1E+12	2	-0.030	-0.119	-0.089
1E+12	3	-0.386	0.257	0.644
1E+12	4	0.327	0.228	-0.099
1E+12	5	-0.515	-0.455	0.060
5E+12	6	-0.832	-0.822	0.010
5E+12	7	-0.654	-0.376	0.277
5E+12	8	-0.079	0.030	0.109
5E+12	9	-0.752	-1.198	-0.445
5E+12	10	-0.198	0.139	0.337
1E+13	11	-0.257	-0.485	-0.228
1E+13	12	-0.871	-1.871	-1.000
1E+13	13	0.297	0.644	0.347
1E+13	14	-1.059	-2.852	-1.792
1E+13	15	-0.693	-1.634	-0.941
0	c1	-1.376	-1.406	-0.030
	Max	0.327	0.644	0.644
	Average	-0.525	-0.717	-0.191
	Min	-1.376	-2.852	-1.792
	Std Dev	0.517	0.956	0.609

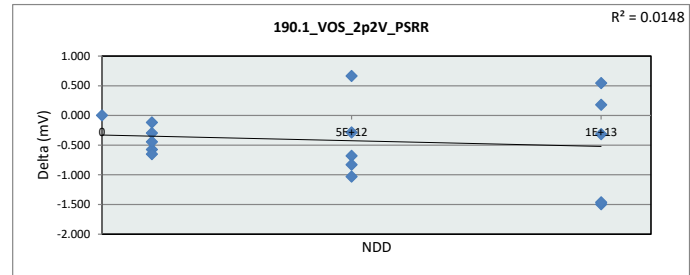


		190.0_VOS_2p2V_PSRR		
Max Limit		3.3	mV	
Min Limit		-3.3	mV	
NDD	0	1E+12	5E+12	1E+13
LL	-3.300	-3.300	-3.300	-3.300
Min	-1.406	-1.545	-1.198	-2.852
Average	-1.406	-0.327	-0.446	-1.244
Max	-1.406	0.257	0.139	0.644
UL	3.300	3.300	3.300	3.300

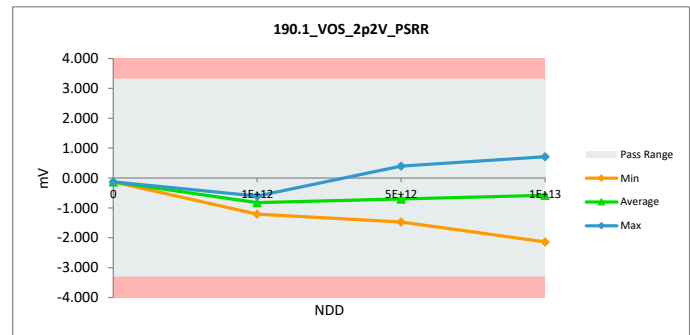


NDD Report TLV1704-SEP

		190.1_VOS_2p2V_PSRR		
Unit		mV		
Max Limit		3.3		
Min Limit		-3.3		
NDD	Serial #	Pre	Post	Delta
1E+12	1	-0.148	-0.723	-0.574
1E+12	2	-0.683	-0.980	-0.297
1E+12	3	-0.485	-0.604	-0.119
1E+12	4	0.049	-0.604	-0.653
1E+12	5	-0.762	-1.208	-0.446
5E+12	6	-0.069	-0.752	-0.683
5E+12	7	-0.267	0.396	0.663
5E+12	8	-0.445	-1.475	-1.030
5E+12	9	-0.188	-1.020	-0.832
5E+12	10	-0.366	-0.654	-0.287
1E+13	11	-0.178	-0.495	-0.317
1E+13	12	0.535	0.713	0.178
1E+13	13	-0.010	0.535	0.545
1E+13	14	-0.010	-1.505	-1.495
1E+13	15	-0.673	-2.139	-1.465
0	c1	-0.129	-0.129	0.000
	Max	0.535	0.713	0.663
	Average	-0.239	-0.665	-0.426
	Min	-0.762	-2.139	-1.495
	Std Dev	0.329	0.768	0.617

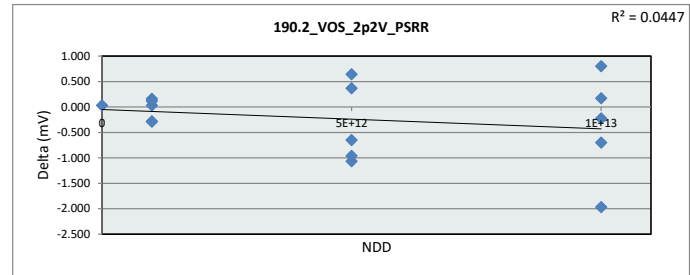


		190.1_VOS_2p2V_PSRR			
Max Limit		3.3 mV			
Min Limit		-3.3 mV			
NDD		0	1E+12	5E+12	1E+13
LL		-3.300	-3.300	-3.300	-3.300
Min		-0.129	-1.208	-1.475	-2.139
Average		-0.129	-0.824	-0.701	-0.578
Max		-0.129	-0.604	0.396	0.713
UL		3.300	3.300	3.300	3.300

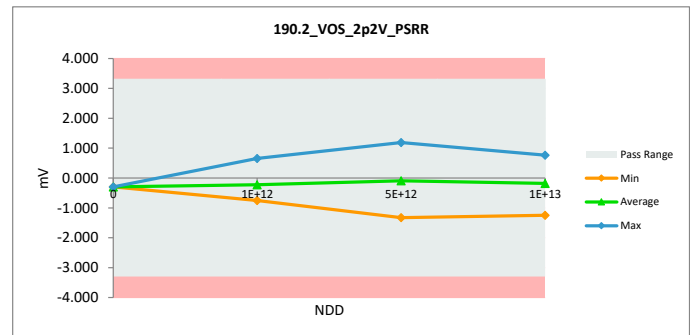


NDD Report TLV1704-SEP

		190.2_VOS_2p2V_PSRR		
Unit		mV		mV
Max Limit		3.3		3.3
Min Limit		-3.3		-3.3
NDD	Serial #	Pre	Post	Delta
1E+12	1	-0.416	-0.257	0.158
1E+12	2	0.624	0.654	0.030
1E+12	3	0.208	-0.079	-0.287
1E+12	4	-0.396	-0.683	-0.287
1E+12	5	-0.871	-0.752	0.119
5E+12	6	0.545	1.188	0.643
5E+12	7	0.465	-0.188	-0.653
5E+12	8	-0.257	-1.327	-1.069
5E+12	9	-0.010	-0.970	-0.960
5E+12	10	0.465	0.832	0.366
1E+13	11	-0.238	-0.069	0.168
1E+13	12	0.703	0.475	-0.228
1E+13	13	-0.040	0.762	0.802
1E+13	14	0.723	-1.247	-1.970
1E+13	15	-0.109	-0.812	-0.703
0	c1	-0.327	-0.297	0.030
	Max	0.723	1.188	0.802
	Average	0.067	-0.173	-0.240
	Min	-0.871	-1.327	-1.970
	Std Dev	0.479	0.775	0.704

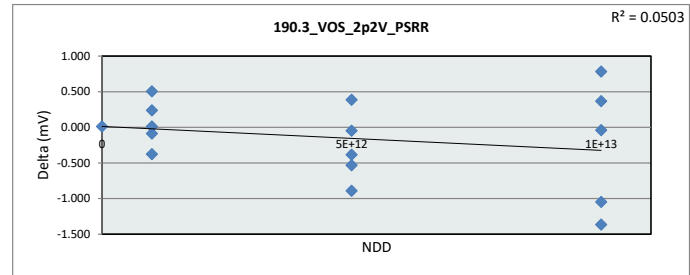


		190.2_VOS_2p2V_PSRR				
Max Limit		3.3		mV		
Min Limit		-3.3		mV		
NDD	0	1E+12	5E+12	1E+13		
LL	-3.300	-3.300	-3.300	-3.300		
Min	-0.297	-0.753	-1.327	-1.248		
Average	-0.297	-0.224	-0.093	-0.178		
Max	-0.297	0.654	1.188	0.762		
UL	3.300	3.300	3.300	3.300		

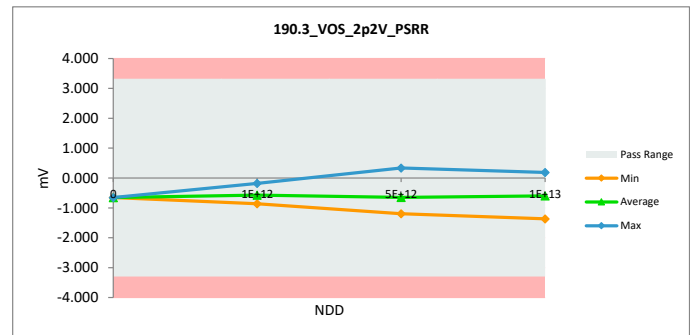


NDD Report
TLV1704-SEP

		190.3_VOS_2p2V_PSRR		
Unit		mV		
Max Limit		3.3		
Min Limit		-3.3		
NDD	Serial #	Pre	Post	Delta
1E+12	1	-0.584	-0.673	-0.089
1E+12	2	-0.267	-0.644	-0.376
1E+12	3	-0.683	-0.178	0.505
1E+12	4	-0.515	-0.505	0.010
1E+12	5	-1.099	-0.861	0.238
5E+12	6	-0.218	-0.604	-0.386
5E+12	7	-0.049	0.337	0.386
5E+12	8	-1.089	-1.139	-0.049
5E+12	9	-0.119	-0.654	-0.535
5E+12	10	-0.307	-1.198	-0.891
1E+13	11	-0.178	0.188	0.366
1E+13	12	-0.257	-1.307	-1.050
1E+13	13	-0.218	-0.257	-0.040
1E+13	14	0.000	-1.366	-1.366
1E+13	15	-1.030	-0.248	0.782
0	c1	-0.663	-0.654	0.010
	Max	0.000	0.337	0.782
	Average	-0.455	-0.610	-0.155
	Min	-1.099	-1.366	-1.366
	Std Dev	0.368	0.499	0.587

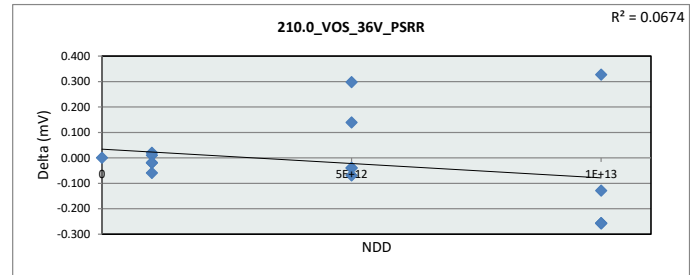


		190.3_VOS_2p2V_PSRR			
Max Limit		3.3 mV			
Min Limit		-3.3 mV			
NDD		0	1E+12	5E+12	1E+13
LL		-3.300	-3.300	-3.300	-3.300
Min		-0.654	-0.861	-1.198	-1.366
Average		-0.654	-0.572	-0.652	-0.598
Max		-0.654	-0.178	0.337	0.188
UL		3.300	3.300	3.300	3.300

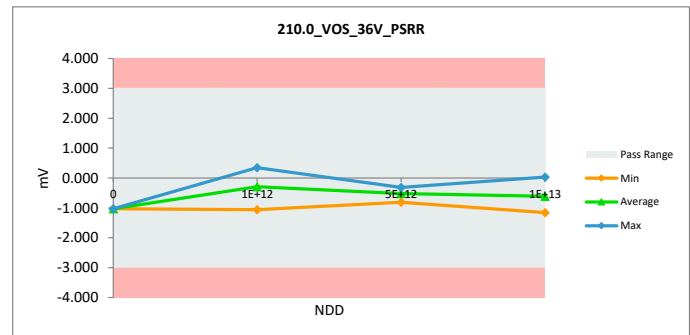


NDD Report TLV1704-SEP

210.0_VOS_36V_PSRR				
Unit		mV	mV	
Max Limit		3	3	
Min Limit		-3	-3	
NDD	Serial #	Pre	Post	Delta
1E+12	1	-1.040	-1.059	-0.020
1E+12	2	0.327	0.347	0.020
1E+12	3	-0.356	-0.347	0.010
1E+12	4	-0.158	-0.218	-0.059
1E+12	5	-0.158	-0.178	-0.020
5E+12	6	-0.951	-0.812	0.139
5E+12	7	-0.634	-0.337	0.297
5E+12	8	-0.277	-0.317	-0.040
5E+12	9	-0.772	-0.812	-0.040
5E+12	10	-0.257	-0.327	-0.069
1E+13	11	-0.297	0.030	0.327
1E+13	12	-1.030	-1.158	-0.129
1E+13	13	-0.030	-0.287	-0.257
1E+13	14	-0.733	-0.990	-0.257
1E+13	15	-0.386	-0.644	-0.257
0	c1	-1.030	-1.030	0.000
	Max	0.327	0.347	0.327
	Average	-0.486	-0.509	-0.022
	Min	-1.040	-1.158	-0.257
	Std Dev	0.410	0.434	0.170

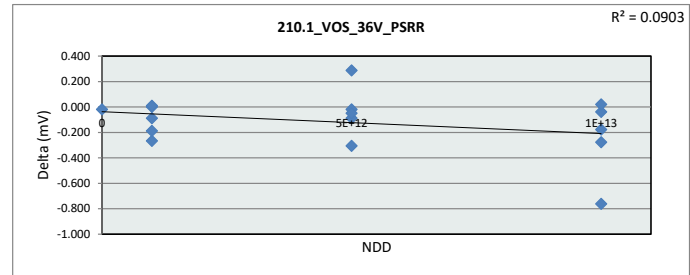


210.0_VOS_36V_PSRR				
Max Limit		3	mV	
Min Limit		-3	mV	
NDD	0	1E+12	5E+12	1E+13
LL	-3.000	-3.000	-3.000	-3.000
Min	-1.030	-1.059	-0.812	-1.158
Average	-1.030	-0.291	-0.521	-0.610
Max	-1.030	0.347	-0.317	0.030
UL	3.000	3.000	3.000	3.000

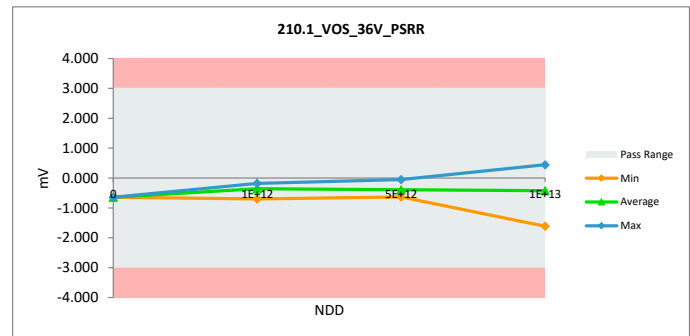


NDD Report TLV1704-SEP

210.1_VOS_36V_PSRR				
Unit		mV	mV	
Max Limit		3	3	
Min Limit		-3	-3	
NDD	Serial #	Pre	Post	Delta
1E+12	1	0.079	-0.188	-0.267
1E+12	2	-0.248	-0.248	0.000
1E+12	3	-0.485	-0.475	0.010
1E+12	4	-0.089	-0.178	-0.089
1E+12	5	-0.515	-0.703	-0.188
5E+12	6	-0.248	-0.267	-0.020
5E+12	7	-0.337	-0.049	0.287
5E+12	8	-0.327	-0.634	-0.307
5E+12	9	-0.396	-0.485	-0.089
5E+12	10	-0.465	-0.515	-0.050
1E+13	11	-0.158	-0.337	-0.178
1E+13	12	0.485	0.445	-0.040
1E+13	13	-0.535	-0.515	0.020
1E+13	14	0.168	-0.109	-0.277
1E+13	15	-0.851	-1.614	-0.762
0	c1	-0.624	-0.644	-0.020
	Max	0.485	0.445	0.287
	Average	-0.284	-0.407	-0.123
	Min	-0.851	-1.614	-0.762
	Std Dev	0.330	0.430	0.224

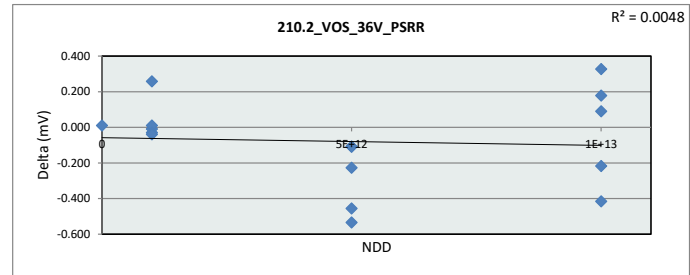


210.1_VOS_36V_PSRR				
Max Limit		3	mV	
Min Limit		-3	mV	
NDD	0	1E+12	5E+12	1E+13
LL	-3.000	-3.000	-3.000	-3.000
Min	-0.644	-0.703	-0.634	-1.614
Average	-0.644	-0.358	-0.390	-0.426
Max	-0.644	-0.178	-0.050	0.446
UL	3.000	3.000	3.000	3.000

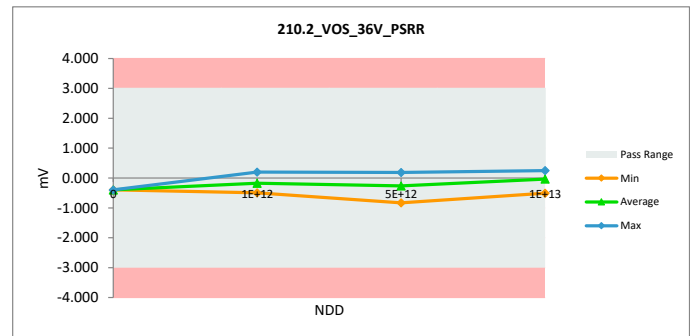


NDD Report
TLV1704-SEP

210.2_VOS_36V_PSRR				
Unit		mV	mV	
Max Limit		3	3	
Min Limit		-3	-3	
NDD	Serial #	Pre	Post	Delta
1E+12	1	-0.455	-0.465	-0.010
1E+12	2	-0.010	0.000	0.010
1E+12	3	0.228	0.198	-0.030
1E+12	4	-0.059	-0.099	-0.040
1E+12	5	-0.752	-0.495	0.257
5E+12	6	0.347	0.119	-0.228
5E+12	7	0.000	-0.109	-0.109
5E+12	8	-0.297	-0.832	-0.535
5E+12	9	-0.228	-0.683	-0.456
5E+12	10	0.297	0.188	-0.109
1E+13	11	-0.228	0.099	0.327
1E+13	12	0.158	0.248	0.089
1E+13	13	-0.099	0.079	0.178
1E+13	14	0.317	-0.099	-0.416
1E+13	15	-0.287	-0.505	-0.218
0	c1	-0.406	-0.396	0.010
Max		0.347	0.248	0.327
Average		-0.092	-0.172	-0.080
Min		-0.752	-0.832	-0.535
Std Dev		0.314	0.342	0.245

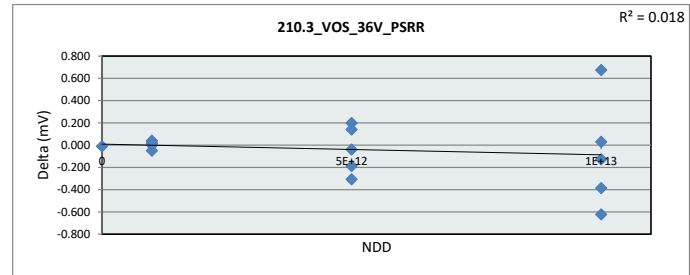


210.2_VOS_36V_PSRR				
Max Limit		3	mV	
Min Limit		-3	mV	
NDD	0	1E+12	5E+12	1E+13
LL		-3.000	-3.000	-3.000
Min		-0.396	-0.495	-0.832
Average		-0.396	-0.172	-0.263
Max		-0.396	0.198	0.188
UL		3.000	3.000	3.000

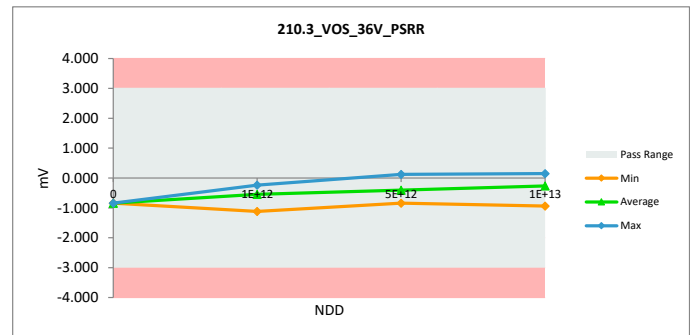


NDD Report
TLV1704-SEP

		210.3_VOS_36V_PSRR		
Unit		mV		mV
Max Limit		3		3
Min Limit		-3		-3
NDD	Serial #	Pre	Post	Delta
1E+12	1	-0.762	-0.812	-0.050
1E+12	2	-0.337	-0.297	0.040
1E+12	3	-0.277	-0.257	0.020
1E+12	4	-0.238	-0.238	0.000
1E+12	5	-1.129	-1.119	0.010
5E+12	6	-0.743	-0.545	0.198
5E+12	7	0.158	0.119	-0.040
5E+12	8	-0.535	-0.842	-0.307
5E+12	9	-0.218	-0.079	0.139
5E+12	10	-0.495	-0.683	-0.188
1E+13	11	-0.119	-0.248	-0.129
1E+13	12	-0.317	-0.941	-0.624
1E+13	13	-0.059	-0.030	0.030
1E+13	14	0.129	-0.257	-0.386
1E+13	15	-0.525	0.148	0.673
0	c1	-0.832	-0.842	-0.010
	Max	0.158	0.148	0.673
	Average	-0.394	-0.433	-0.039
	Min	-1.129	-1.119	-0.624
	Std Dev	0.354	0.397	0.280

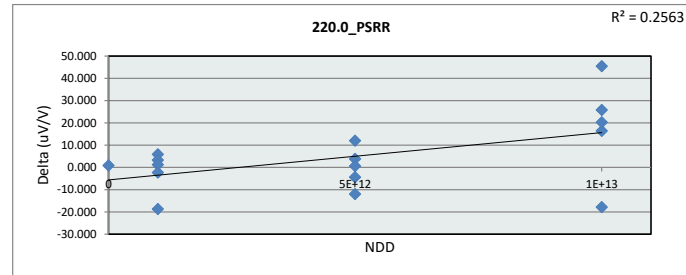


		210.3_VOS_36V_PSRR				
Max Limit		3		mV		
Min Limit		-3		mV		
NDD	0	1E+12	5E+12	1E+13		
LL	-3.000	-3.000	-3.000	-3.000		
Min	-0.842	-1.119	-0.842	-0.941		
Average	-0.842	-0.545	-0.406	-0.265		
Max	-0.842	-0.238	0.119	0.149		
UL	3.000	3.000	3.000	3.000		

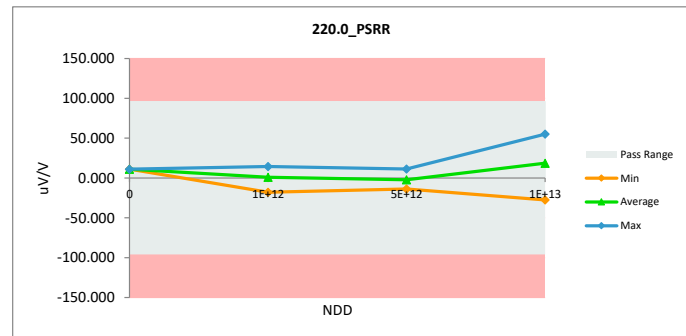


NDD Report
TLV1704-SEP

		220.0_PSRR		
Unit		uV/V	uV/V	
Max Limit		96	96	
Min Limit		-96	-96	
NDD	Serial #	Pre	Post	Delta
1E+12	1	8.495	14.354	5.859
1E+12	2	10.545	13.768	3.222
1E+12	3	0.879	-17.869	-18.748
1E+12	4	-14.354	-13.182	1.172
1E+12	5	10.545	8.202	-2.343
5E+12	6	-3.515	0.293	3.808
5E+12	7	0.586	1.172	0.586
5E+12	8	-5.859	-10.252	-4.394
5E+12	9	-0.586	11.424	12.010
5E+12	10	-1.758	-13.768	-12.010
1E+13	11	-1.172	15.232	16.404
1E+13	12	-4.687	21.091	25.778
1E+13	13	-9.667	-27.535	-17.869
1E+13	14	9.667	55.071	45.404
1E+13	15	9.081	29.293	20.212
0	c1	10.252	11.131	0.879
	Max	10.545	55.071	45.404
	Average	1.153	6.152	4.998
	Min	-14.354	-27.535	-18.748
	Std Dev	7.867	20.375	16.431

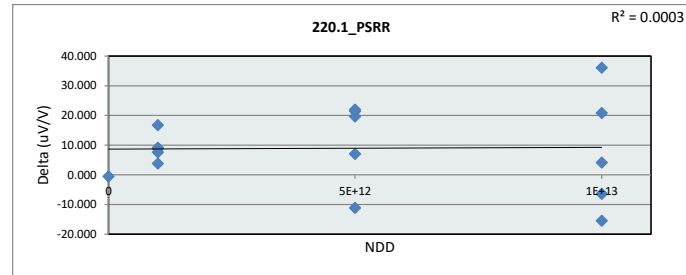


		220.0_PSRR			
Max Limit		96	uV/V		
Min Limit		-96	uV/V		
NDD	0	1E+12	5E+12	1E+13	
LL	-96.000	-96.000	-96.000	-96.000	
Min	11.131	-17.869	-13.768	-27.535	
Average	11.131	1.055	-2.226	18.630	
Max	11.131	14.354	11.424	55.071	
UL	96.000	96.000	96.000	96.000	

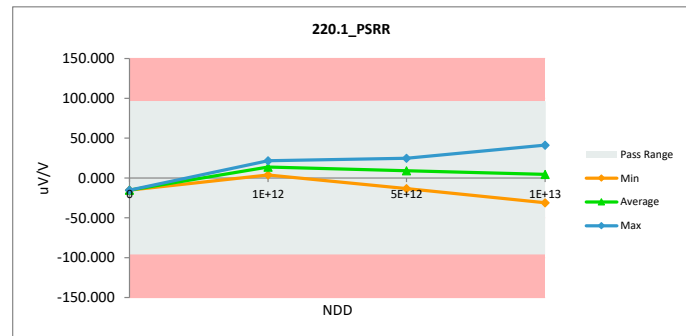


NDD Report
TLV1704-SEP

		220.1_PSRR		
Unit		uV/V	uV/V	
Max Limit		96	96	
Min Limit		-96	-96	
NDD	Serial #	Pre	Post	Delta
1E+12	1	6.737	15.818	9.081
1E+12	2	12.889	21.677	8.788
1E+12	3	0.000	3.808	3.808
1E+12	4	-4.101	12.596	16.697
1E+12	5	7.323	14.939	7.616
5E+12	6	-5.273	14.354	19.626
5E+12	7	-2.050	-13.182	-11.131
5E+12	8	3.515	24.899	21.384
5E+12	9	-6.152	15.818	21.970
5E+12	10	-2.929	4.101	7.030
1E+13	11	0.586	4.687	4.101
1E+13	12	-1.465	-7.909	-6.445
1E+13	13	-15.525	-31.050	-15.525
1E+13	14	5.273	41.303	36.030
1E+13	15	-5.273	15.525	20.798
0	c1	-14.646	-15.232	-0.586
	Max	12.889	41.303	36.030
	Average	-1.318	7.634	8.953
	Min	-15.525	-31.050	-15.525
	Std Dev	7.566	17.660	13.558

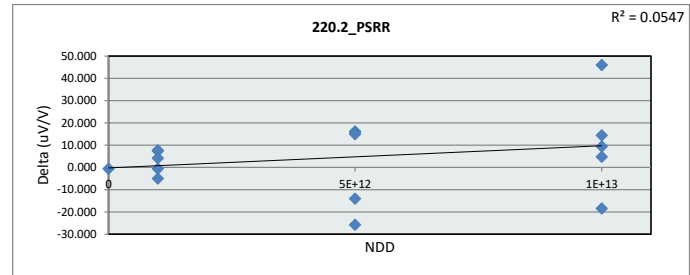


		220.1_PSRR			
Max Limit		96	96	96	96
Min Limit		-96	-96	-96	-96
NDD	0	1E+12	5E+12	1E+13	
LL	-96.000	-96.000	-96.000	-96.000	
Min	-15.232	3.808	-13.182	-31.050	
Average	-15.232	13.768	9.198	4.511	
Max	-15.232	21.677	24.899	41.303	
UL	96.000	96.000	96.000	96.000	

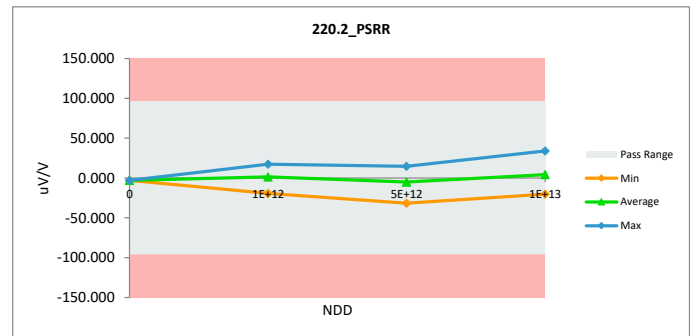


NDD Report TLV1704-SEP

		220.2_PSRR		
Unit		uV/V	uV/V	
Max Limit		96	96	
Min Limit		-96	-96	
NDD	Serial #	Pre	Post	Delta
1E+12	1	-1.172	-6.152	-4.980
1E+12	2	-18.747	-19.333	-0.586
1E+12	3	0.586	8.202	7.616
1E+12	4	9.960	17.283	7.323
1E+12	5	3.515	7.616	4.101
5E+12	6	-5.859	-31.636	-25.778
5E+12	7	-13.768	2.343	16.111
5E+12	8	-1.172	14.646	15.818
5E+12	9	-6.444	8.495	14.939
5E+12	10	-4.980	-19.040	-14.061
1E+13	11	0.293	4.980	4.687
1E+13	12	-16.111	-6.737	9.374
1E+13	13	-1.758	-20.212	-18.454
1E+13	14	-12.010	33.980	45.990
1E+13	15	-5.273	9.081	14.353
0	c1	-2.343	-2.929	-0.586
	Max	9.960	33.980	45.990
	Average	-4.705	0.037	4.742
	Min	-18.747	-31.636	-25.778
	Std Dev	7.494	16.764	16.655

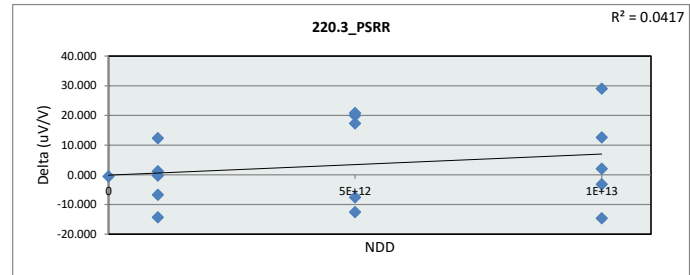


		220.2_PSRR			
Max Limit		96	96	96	96
Min Limit		-96	-96	-96	-96
NDD	0	1E+12	5E+12	1E+13	
LL	-96.000	-96.000	-96.000	-96.000	
Min	-2.929	-19.333	-31.636	-20.212	
Average	-2.929	1.523	-5.038	4.218	
Max	-2.929	17.283	14.646	33.980	
UL	96.000	96.000	96.000	96.000	

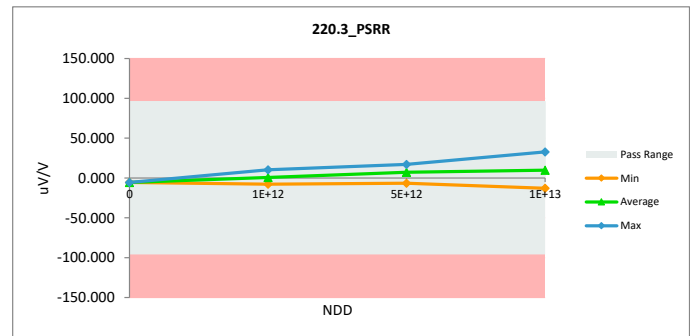


NDD Report
TLV1704-SEP

220.3_PSRR				
Unit		uV/V	uV/V	
Max Limit		96	96	
Min Limit		-96	-96	
NDD	Serial #	Pre	Post	Delta
1E+12	1	-5.273	-4.101	1.172
1E+12	2	-2.050	10.252	12.303
1E+12	3	12.010	-2.343	-14.354
1E+12	4	8.202	7.909	-0.293
1E+12	5	-0.879	-7.616	-6.737
5E+12	6	-15.525	1.758	17.283
5E+12	7	6.152	-6.444	-12.596
5E+12	8	16.404	8.788	-7.616
5E+12	9	-2.929	16.990	19.919
5E+12	10	-5.566	15.232	20.798
1E+13	11	1.758	-12.889	-14.646
1E+13	12	-1.758	10.838	12.596
1E+13	13	4.687	6.737	2.050
1E+13	14	3.808	32.808	29.000
1E+13	15	14.939	11.717	-3.222
0	c1	-4.980	-5.566	-0.586
	Max	16.404	32.808	29.000
	Average	1.813	5.254	3.442
	Min	-15.525	-12.889	-14.646
	Std Dev	8.445	11.611	13.634

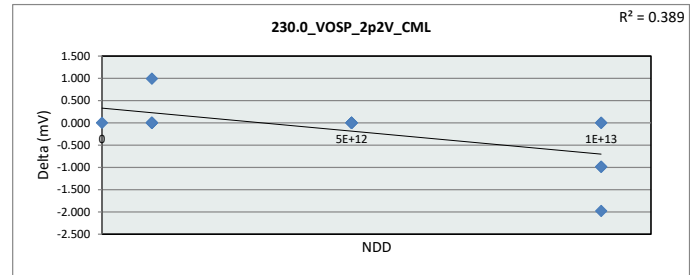


220.3_PSRR				
Max Limit	96	uV/V		
Min Limit	-96	uV/V		
NDD	0	1E+12	5E+12	1E+13
LL	-96.000	-96.000	-96.000	-96.000
Min	-5.566	-7.616	-6.444	-12.889
Average	-5.566	0.820	7.265	9.842
Max	-5.566	10.253	16.990	32.808
UL	96.000	96.000	96.000	96.000

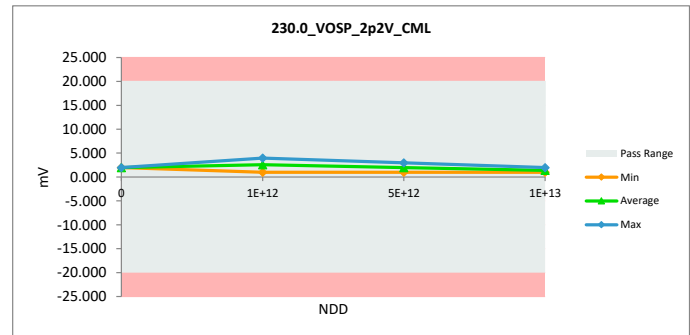


NDD Report
TLV1704-SEP

		230.0_VOSP_2p2V_CML		
Unit		mV		
Max Limit		20		
Min Limit		-20		
NDD	Serial #	Pre	Post	Delta
1E+12	1	0.990	0.990	0.000
1E+12	2	3.960	3.960	0.000
1E+12	3	1.980	2.970	0.990
1E+12	4	2.970	2.970	0.000
1E+12	5	1.980	1.980	0.000
5E+12	6	1.980	1.980	0.000
5E+12	7	1.980	1.980	0.000
5E+12	8	1.980	1.980	0.000
5E+12	9	0.990	0.990	0.000
5E+12	10	2.970	2.970	0.000
1E+13	11	2.970	1.980	-0.990
1E+13	12	0.990	0.990	0.000
1E+13	13	2.970	0.990	-1.980
1E+13	14	1.980	1.980	0.000
1E+13	15	1.980	0.990	-0.990
0	c1	1.980	1.980	0.000
	Max	3.960	3.960	0.990
	Average	2.166	1.980	-0.186
	Min	0.990	0.990	-1.980
	Std Dev	0.826	0.886	0.649

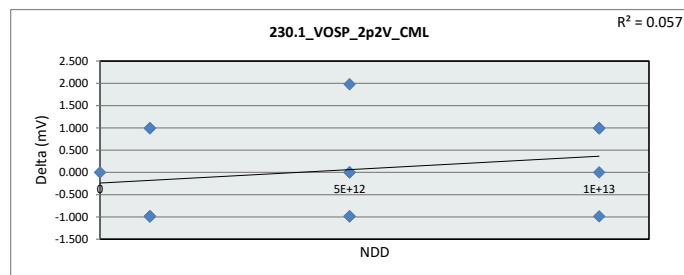


		230.0_VOSP_2p2V_CML		
Max Limit		20		mV
Min Limit		-20		mV
NDD		1E+12	5E+12	1E+13
LL		-20.000	-20.000	-20.000
Min		1.980	0.990	0.990
Average		1.980	2.574	1.980
Max		1.980	3.960	2.970
UL		20.000	20.000	20.000

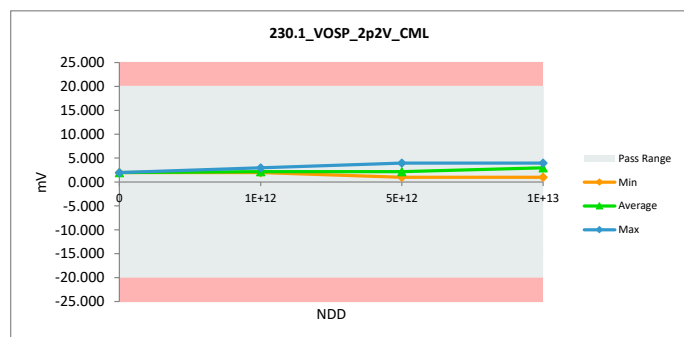


NDD Report TLV1704-SEP

230.1_VOSP_2p2V_CML				
Unit		mV	mV	
Max Limit		20	20	
Min Limit		-20	-20	
NDD	Serial #	Pre	Post	Delta
1E+12	1	2.970	1.980	-0.990
1E+12	2	2.970	1.980	-0.990
1E+12	3	1.980	2.970	0.990
1E+12	4	2.970	1.980	-0.990
1E+12	5	0.990	1.980	0.990
5E+12	6	1.980	0.990	-0.990
5E+12	7	1.980	3.960	1.980
5E+12	8	2.970	1.980	-0.990
5E+12	9	1.980	1.980	0.000
5E+12	10	1.980	1.980	0.000
1E+13	11	1.980	2.970	0.990
1E+13	12	3.960	3.960	0.000
1E+13	13	1.980	2.970	0.990
1E+13	14	2.970	3.960	0.990
1E+13	15	1.980	0.990	-0.990
0	c1	1.980	1.980	0.000
	Max	3.960	3.960	1.980
	Average	2.351	2.413	0.062
	Min	0.990	0.990	-0.990
	Std Dev	0.712	0.954	0.988

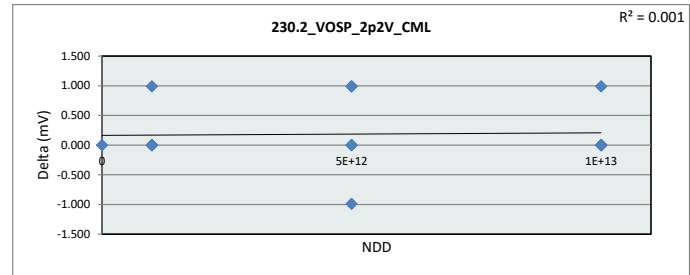


230.1_VOSP_2p2V_CML				
Max Limit	20	mV		
Min Limit	-20	mV		
NDD	0	1E+12	5E+12	1E+13
LL	-20.000	-20.000	-20.000	-20.000
Min	1.980	1.980	0.990	0.990
Average	1.980	2.178	2.178	2.970
Max	1.980	2.970	3.960	3.960
UL	20.000	20.000	20.000	20.000

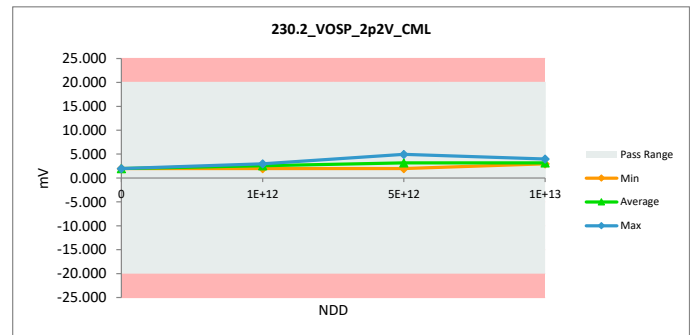


NDD Report
TLV1704-SEP

		230.2_VOSP_2p2V_CML		
Unit		mV		
Max Limit		20		
Min Limit		-20		
NDD	Serial #	Pre	Post	Delta
1E+12	1	1.980	1.980	0.000
1E+12	2	2.970	2.970	0.000
1E+12	3	2.970	2.970	0.000
1E+12	4	2.970	2.970	0.000
1E+12	5	0.990	1.980	0.990
5E+12	6	2.970	2.970	0.000
5E+12	7	2.970	2.970	0.000
5E+12	8	1.980	2.970	0.990
5E+12	9	2.970	1.980	-0.990
5E+12	10	3.960	4.951	0.990
1E+13	11	2.970	2.970	0.000
1E+13	12	3.960	3.960	0.000
1E+13	13	2.970	2.970	0.000
1E+13	14	2.970	2.970	0.000
1E+13	15	1.980	2.970	0.990
0	c1	1.980	1.980	0.000
	Max	3.960	4.951	0.990
	Average	2.723	2.908	0.186
	Min	0.990	1.980	-0.990
	Std Dev	0.767	0.764	0.539

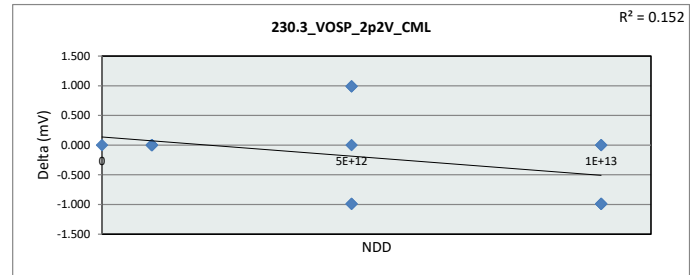


		230.2_VOSP_2p2V_CML		
Max Limit		20		mV
Min Limit		-20		mV
NDD	0	1E+12	5E+12	1E+13
LL	-20.000	-20.000	-20.000	-20.000
Min	1.980	1.980	1.980	2.970
Average	1.980	2.574	3.168	3.168
Max	1.980	2.970	4.951	3.960
UL	20.000	20.000	20.000	20.000

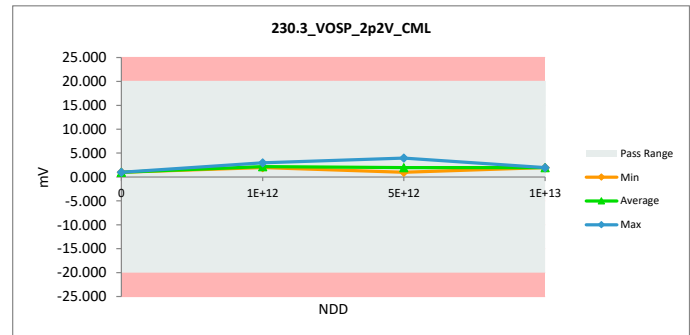


NDD Report
TLV1704-SEP

		230.3_VOSP_2p2V_CML		
Unit		mV		
Max Limit		20		
Min Limit		-20		
NDD	Serial #	Pre	Post	Delta
1E+12	1	1.980	1.980	0.000
1E+12	2	1.980	1.980	0.000
1E+12	3	1.980	1.980	0.000
1E+12	4	2.970	2.970	0.000
1E+12	5	1.980	1.980	0.000
5E+12	6	1.980	1.980	0.000
5E+12	7	2.970	3.960	0.990
5E+12	8	0.990	0.000	-0.990
5E+12	9	1.980	2.970	0.990
5E+12	10	1.980	0.990	-0.990
1E+13	11	2.970	1.980	-0.990
1E+13	12	1.980	1.980	0.000
1E+13	13	1.980	1.980	0.000
1E+13	14	2.970	1.980	-0.990
1E+13	15	2.970	1.980	-0.990
0	c1	0.990	0.990	0.000
	Max	2.970	3.960	0.990
	Average	2.166	1.980	-0.186
	Min	0.990	0.000	-0.990
	Std Dev	0.649	0.886	0.649

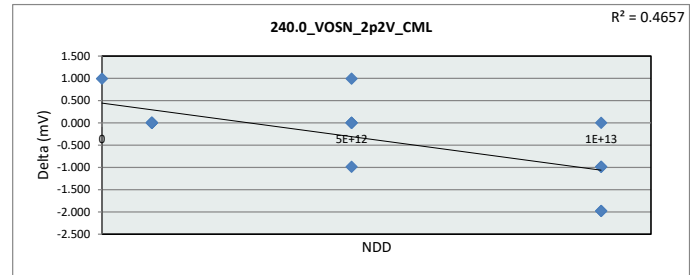


		230.3_VOSP_2p2V_CML		
Max Limit		20		mV
Min Limit		-20		mV
NDD	0	1E+12	5E+12	1E+13
LL	-20.000	-20.000	-20.000	-20.000
Min	0.990	1.980	0.990	1.980
Average	0.990	2.178	1.980	1.980
Max	0.990	2.970	3.960	1.980
UL	20.000	20.000	20.000	20.000

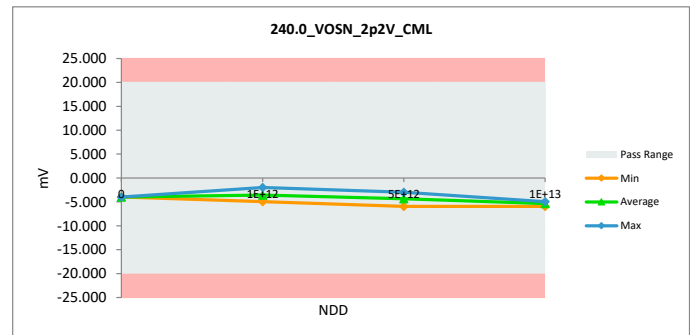


NDD Report TLV1704-SEP

		240.0_VOSN_2p2V_CML		
Unit		mV		
Max Limit		20		
Min Limit		-20		
NDD	Serial #	Pre	Post	Delta
1E+12	1	-4.951	-4.951	0.000
1E+12	2	-1.980	-1.980	0.000
1E+12	3	-3.960	-3.960	0.000
1E+12	4	-2.970	-2.970	0.000
1E+12	5	-3.960	-3.960	0.000
5E+12	6	-4.951	-4.951	0.000
5E+12	7	-4.951	-3.960	0.990
5E+12	8	-3.960	-3.960	0.000
5E+12	9	-4.951	-5.941	-0.990
5E+12	10	-2.970	-2.970	0.000
1E+13	11	-3.960	-4.951	-0.990
1E+13	12	-4.951	-5.941	-0.990
1E+13	13	-2.970	-4.951	-1.980
1E+13	14	-4.951	-4.951	0.000
1E+13	15	-3.960	-5.941	-1.980
0	c1	-4.951	-3.960	0.990
	Max	-1.980	-1.980	0.990
	Average	-4.084	-4.394	-0.309
	Min	-4.951	-5.941	-1.980
	Std Dev	0.948	1.141	0.865

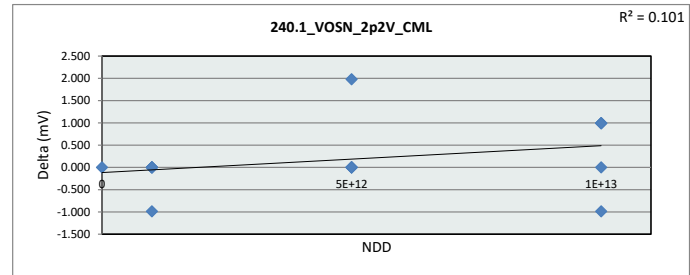


		240.0_VOSN_2p2V_CML		
Max Limit		20		mV
Min Limit		-20		mV
NDD	0	1E+12	5E+12	1E+13
LL	-20.000	-20.000	-20.000	-20.000
Min	-3.960	-4.951	-5.941	-5.941
Average	-3.960	-3.564	-4.356	-5.347
Max	-3.960	-1.980	-2.970	-4.951
UL	20.000	20.000	20.000	20.000

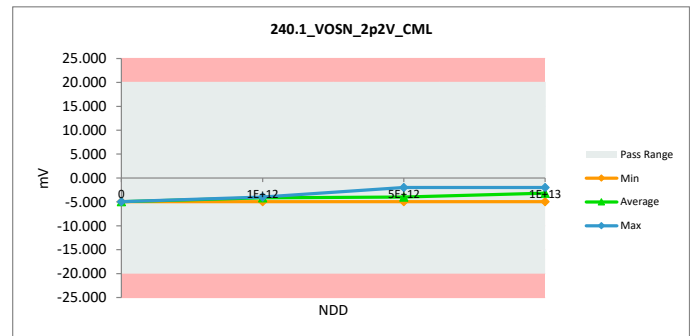


NDD Report
TLV1704-SEP

		240.1_VOSN_2p2V_CML		
Unit		mV	mV	
Max Limit		20	20	
Min Limit		-20	-20	
NDD	Serial #	Pre	Post	Delta
1E+12	1	-2.970	-3.960	-0.990
1E+12	2	-3.960	-3.960	0.000
1E+12	3	-3.960	-3.960	0.000
1E+12	4	-3.960	-3.960	0.000
1E+12	5	-4.951	-4.951	0.000
5E+12	6	-4.951	-4.951	0.000
5E+12	7	-3.960	-1.980	1.980
5E+12	8	-3.960	-3.960	0.000
5E+12	9	-4.951	-4.951	0.000
5E+12	10	-3.960	-3.960	0.000
1E+13	11	-3.960	-2.970	0.990
1E+13	12	-2.970	-2.970	0.000
1E+13	13	-3.960	-2.970	0.990
1E+13	14	-2.970	-1.980	0.990
1E+13	15	-3.960	-4.951	-0.990
0	c1	-4.951	-4.951	0.000
	Max	-2.970	-1.980	1.980
	Average	-4.022	-3.837	0.186
	Min	-4.951	-4.951	-0.990
	Std Dev	0.673	1.015	0.743

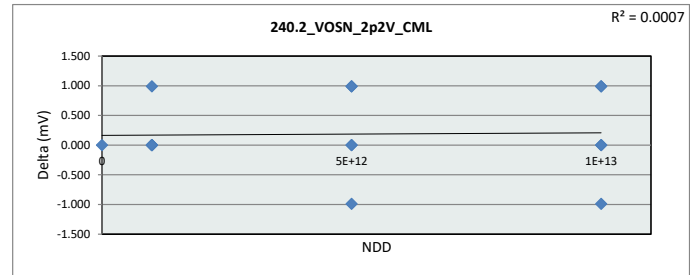


		240.1_VOSN_2p2V_CML		
Max Limit		20	mV	
Min Limit		-20	mV	
NDD	0	1E+12	5E+12	1E+13
LL	-20.000	-20.000	-20.000	-20.000
Min	-4.951	-4.951	-4.951	-4.951
Average	-4.951	-4.158	-3.960	-3.168
Max	-4.951	-3.960	-1.980	-1.980
UL	20.000	20.000	20.000	20.000

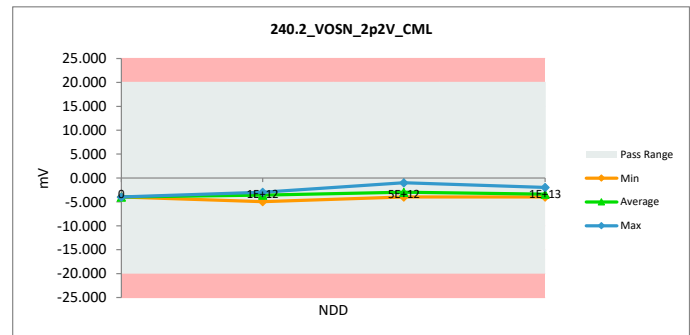


NDD Report TLV1704-SEP

		240.2_VOSN_2p2V_CML		
Unit		mV	mV	
Max Limit		20	20	
Min Limit		-20	-20	
NDD	Serial #	Pre	Post	Delta
1E+12	1	-3.960	-3.960	0.000
1E+12	2	-2.970	-2.970	0.000
1E+12	3	-2.970	-2.970	0.000
1E+12	4	-3.960	-2.970	0.990
1E+12	5	-4.951	-4.951	0.000
5E+12	6	-2.970	-3.960	-0.990
5E+12	7	-2.970	-2.970	0.000
5E+12	8	-3.960	-2.970	0.990
5E+12	9	-3.960	-3.960	0.000
5E+12	10	-1.980	-0.990	0.990
1E+13	11	-3.960	-3.960	0.000
1E+13	12	-2.970	-1.980	0.990
1E+13	13	-3.960	-2.970	0.990
1E+13	14	-2.970	-3.960	-0.990
1E+13	15	-3.960	-3.960	0.000
0	c1	-3.960	-3.960	0.000
	Max	-1.980	-0.990	0.990
	Average	-3.527	-3.342	0.186
	Min	-4.951	-4.951	-0.990
	Std Dev	0.720	0.948	0.649

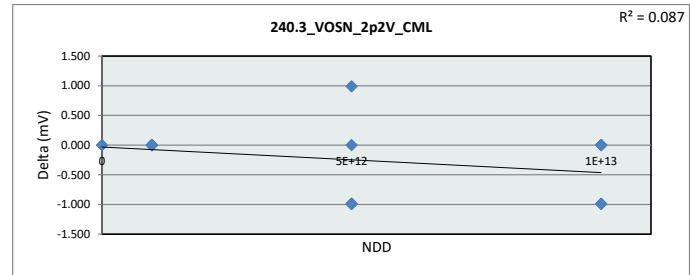


		240.2_VOSN_2p2V_CML		
Max Limit		20	mV	
Min Limit		-20	mV	
NDD	0	1E+12	5E+12	1E+13
LL	-20.000	-20.000	-20.000	-20.000
Min	-3.960	-4.951	-3.960	-3.960
Average	-3.960	-3.564	-2.970	-3.366
Max	-3.960	-2.970	-0.990	-1.980
UL	20.000	20.000	20.000	20.000

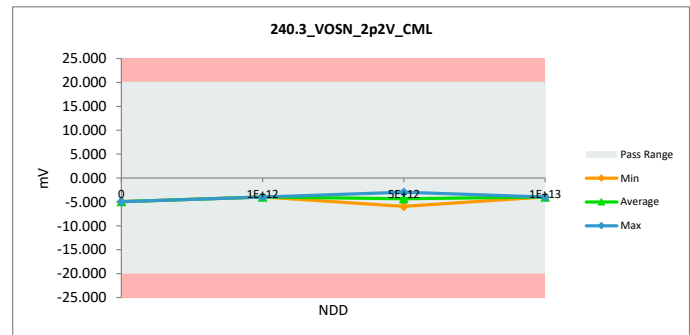


NDD Report
TLV1704-SEP

		240.3_VOSN_2p2V_CML		
Unit		mV	mV	
Max Limit		20	20	
Min Limit		-20	-20	
NDD	Serial #	Pre	Post	Delta
1E+12	1	-3.960	-3.960	0.000
1E+12	2	-3.960	-3.960	0.000
1E+12	3	-3.960	-3.960	0.000
1E+12	4	-3.960	-3.960	0.000
1E+12	5	-3.960	-3.960	0.000
5E+12	6	-3.960	-4.951	-0.990
5E+12	7	-2.970	-2.970	0.000
5E+12	8	-4.951	-5.941	-0.990
5E+12	9	-3.960	-2.970	0.990
5E+12	10	-3.960	-4.951	-0.990
1E+13	11	-2.970	-3.960	-0.990
1E+13	12	-3.960	-3.960	0.000
1E+13	13	-3.960	-3.960	0.000
1E+13	14	-2.970	-3.960	-0.990
1E+13	15	-3.960	-3.960	0.000
0	c1	-4.951	-4.951	0.000
	Max	-2.970	-2.970	0.990
	Average	-3.899	-4.146	-0.248
	Min	-4.951	-5.941	-0.990
	Std Dev	0.568	0.743	0.572

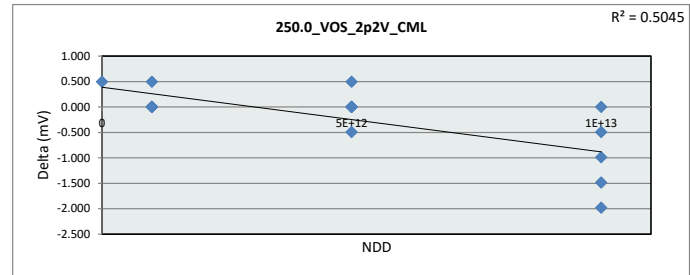


		240.3_VOSN_2p2V_CML		
Max Limit		20	mV	
Min Limit		-20	mV	
NDD	0	1E+12	5E+12	1E+13
LL	-20.000	-20.000	-20.000	-20.000
Min	-4.951	-3.960	-5.941	-3.960
Average	-4.951	-3.960	-4.356	-3.960
Max	-4.951	-3.960	-2.970	-3.960
UL	20.000	20.000	20.000	20.000

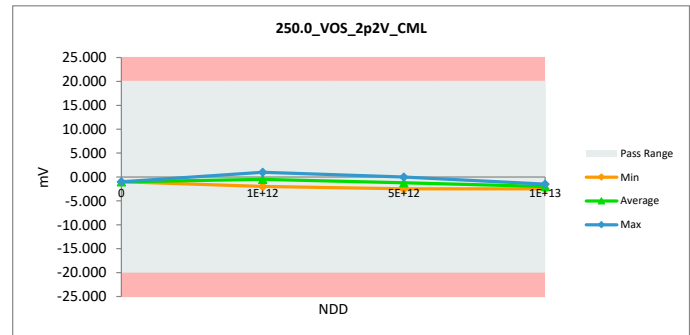


NDD Report
TLV1704-SEP

		250.0_VOS_2p2V_CML		
Unit		mV		
Max Limit		20		
Min Limit		-20		
NDD	Serial #	Pre	Post	Delta
1E+12	1	-1.980	-1.980	0.000
1E+12	2	0.990	0.990	0.000
1E+12	3	-0.990	-0.495	0.495
1E+12	4	0.000	0.000	0.000
1E+12	5	-0.990	-0.990	0.000
5E+12	6	-1.485	-1.485	0.000
5E+12	7	-1.485	-0.990	0.495
5E+12	8	-0.990	-0.990	0.000
5E+12	9	-1.980	-2.475	-0.495
5E+12	10	0.000	0.000	0.000
1E+13	11	-0.495	-1.485	-0.990
1E+13	12	-1.980	-2.475	-0.495
1E+13	13	0.000	-1.980	-1.980
1E+13	14	-1.485	-1.485	0.000
1E+13	15	-0.990	-2.475	-1.485
0	c1	-1.485	-0.990	0.495
	Max	0.990	0.990	0.495
	Average	-0.959	-1.207	-0.248
	Min	-1.980	-2.475	-1.980
	Std Dev	0.857	0.990	0.700

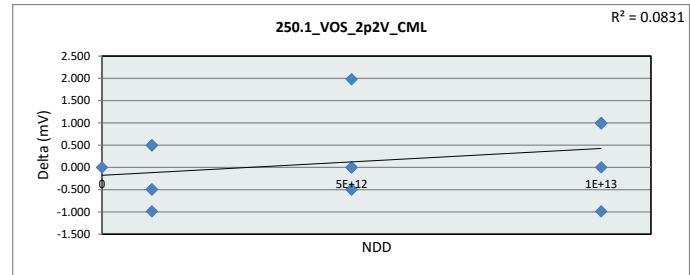


		250.0_VOS_2p2V_CML			
Max Limit		20 mV			
Min Limit		-20 mV			
NDD		0	1E+12	5E+12	1E+13
LL		-20.000	-20.000	-20.000	-20.000
Min		-0.990	-1.980	-2.475	-2.475
Average		-0.990	-0.495	-1.188	-1.980
Max		-0.990	0.990	0.000	-1.485
UL		20.000	20.000	20.000	20.000

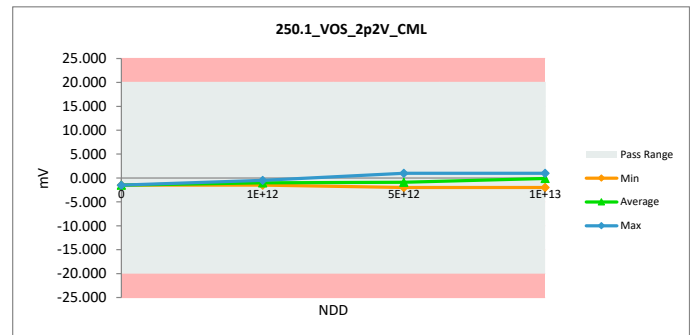


NDD Report
TLV1704-SEP

		250.1_VOS_2p2V_CML		
Unit		mV		mV
Max Limit		20		20
Min Limit		-20		-20
NDD	Serial #	Pre	Post	Delta
1E+12	1	0.000	-0.990	-0.990
1E+12	2	-0.495	-0.990	-0.495
1E+12	3	-0.990	-0.495	0.495
1E+12	4	-0.495	-0.990	-0.495
1E+12	5	-1.980	-1.485	0.495
5E+12	6	-1.485	-1.980	-0.495
5E+12	7	-0.990	0.990	1.980
5E+12	8	-0.495	-0.990	-0.495
5E+12	9	-1.485	-1.485	0.000
5E+12	10	-0.990	-0.990	0.000
1E+13	11	-0.990	0.000	0.990
1E+13	12	0.495	0.495	0.000
1E+13	13	-0.990	0.000	0.990
1E+13	14	0.000	0.990	0.990
1E+13	15	-0.990	-1.980	-0.990
0	c1	-1.485	-1.485	0.000
	Max	0.495	0.990	1.980
	Average	-0.835	-0.712	0.124
	Min	-1.980	-1.980	-0.990
	Std Dev	0.645	0.956	0.818

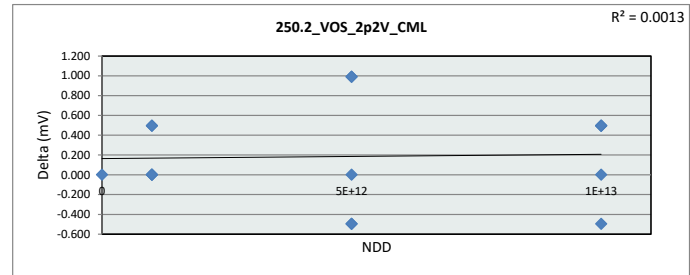


		250.1_VOS_2p2V_CML			
Max Limit		20		mV	
Min Limit		-20		mV	
NDD	0	1E+12	5E+12	1E+13	
LL	-20.000	-20.000	-20.000	-20.000	-20.000
Min	-1.485	-1.485	-1.980	-1.980	-1.980
Average	-1.485	-0.990	-0.891	-0.099	-0.099
Max	-1.485	-0.495	0.990	0.990	0.990
UL	20.000	20.000	20.000	20.000	20.000

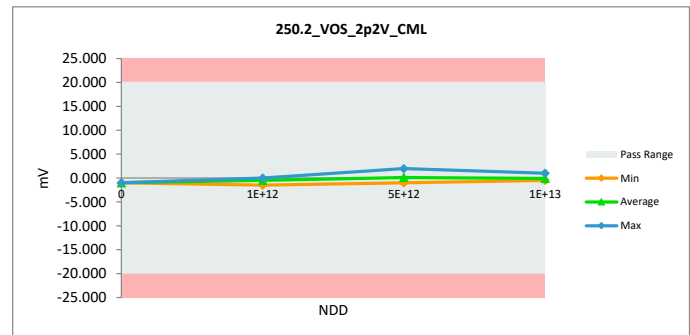


NDD Report
TLV1704-SEP

		250.2_VOS_2p2V_CML		
Unit		mV	mV	
Max Limit		20	20	
Min Limit		-20	-20	
NDD	Serial #	Pre	Post	Delta
1E+12	1	-0.990	-0.990	0.000
1E+12	2	0.000	0.000	0.000
1E+12	3	0.000	0.000	0.000
1E+12	4	-0.495	0.000	0.495
1E+12	5	-1.980	-1.485	0.495
5E+12	6	0.000	-0.495	-0.495
5E+12	7	0.000	0.000	0.000
5E+12	8	-0.990	0.000	0.990
5E+12	9	-0.495	-0.990	-0.495
5E+12	10	0.990	1.980	0.990
1E+13	11	-0.495	-0.495	0.000
1E+13	12	0.495	0.990	0.495
1E+13	13	-0.495	0.000	0.495
1E+13	14	0.000	-0.495	-0.495
1E+13	15	-0.990	-0.495	0.495
0	c1	-0.990	-0.990	0.000
	Max	0.990	1.980	0.990
	Average	-0.402	-0.217	0.186
	Min	-1.980	-1.485	-0.495
	Std Dev	0.705	0.828	0.474

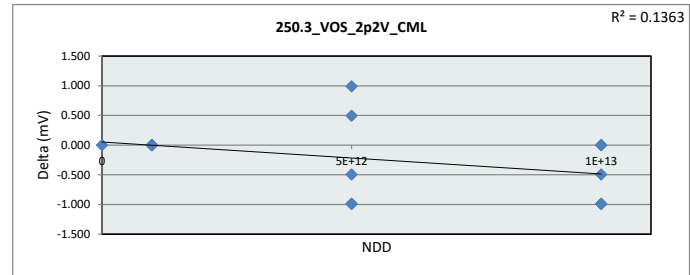


		250.2_VOS_2p2V_CML		
Max Limit		20	mV	
Min Limit		-20	mV	
NDD	0	1E+12	5E+12	1E+13
LL	-20.000	-20.000	-20.000	-20.000
Min	-0.990	-1.485	-0.990	-0.495
Average	-0.990	-0.495	0.099	-0.099
Max	-0.990	0.000	1.980	0.990
UL	20.000	20.000	20.000	20.000

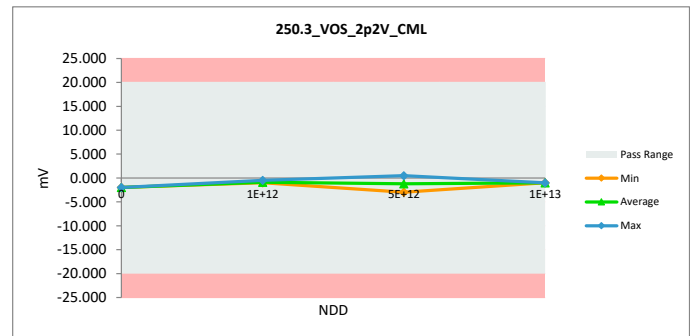


NDD Report
TLV1704-SEP

250.3_VOS_2p2V_CML				
Unit	mV		mV	
Max Limit	20		20	
Min Limit	-20		-20	
NDD	Serial #	Pre	Post	Delta
1E+12	1	-0.990	-0.990	0.000
1E+12	2	-0.990	-0.990	0.000
1E+12	3	-0.990	-0.990	0.000
1E+12	4	-0.495	-0.495	0.000
1E+12	5	-0.990	-0.990	0.000
5E+12	6	-0.990	-1.485	-0.495
5E+12	7	0.000	0.495	0.495
5E+12	8	-1.980	-2.970	-0.990
5E+12	9	-0.990	0.000	0.990
5E+12	10	-0.990	-1.980	-0.990
1E+13	11	0.000	-0.990	-0.990
1E+13	12	-0.990	-0.990	0.000
1E+13	13	-0.990	-0.990	0.000
1E+13	14	0.000	-0.990	-0.990
1E+13	15	-0.495	-0.990	-0.495
0	c1	-1.980	-1.980	0.000
	Max	0.000	0.495	0.990
	Average	-0.866	-1.083	-0.217
	Min	-1.980	-2.970	-0.990
	Std Dev	0.586	0.792	0.571

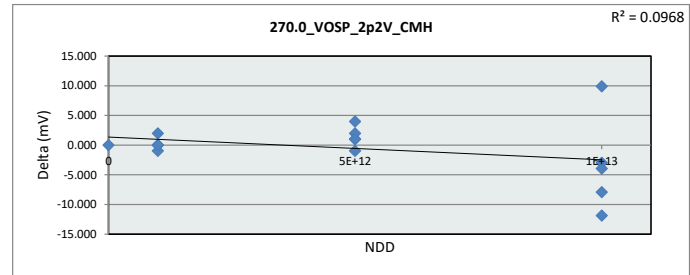


250.3_VOS_2p2V_CML				
Max Limit	20		mV	
Min Limit	-20		mV	
NDD	0	1E+12	5E+12	1E+13
LL	-20.000	-20.000	-20.000	-20.000
Min	-1.980	-0.990	-2.970	-0.990
Average	-1.980	-0.891	-1.188	-0.990
Max	-1.980	-0.495	0.495	-0.990
UL	20.000	20.000	20.000	20.000

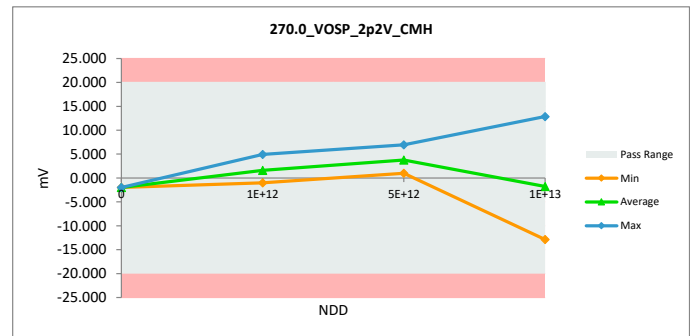


NDD Report
TLV1704-SEP

		270.0_VOSP_2p2V_CMH		
Unit		mV		mV
Max Limit		20		20
Min Limit		-20		-20
NDD	Serial #	Pre	Post	Delta
1E+12	1	0.000	0.000	0.000
1E+12	2	0.000	-0.990	-0.990
1E+12	3	1.980	3.960	1.980
1E+12	4	4.951	4.951	0.000
1E+12	5	0.000	0.000	0.000
5E+12	6	2.970	3.960	0.990
5E+12	7	1.980	0.990	-0.990
5E+12	8	2.970	6.931	3.960
5E+12	9	0.990	2.970	1.980
5E+12	10	2.970	3.960	0.990
1E+13	11	1.980	-0.990	-2.970
1E+13	12	3.960	-3.960	-7.921
1E+13	13	2.970	12.871	9.901
1E+13	14	-0.990	-12.871	-11.881
1E+13	15	0.000	-3.960	-3.960
0	c1	-1.980	-1.980	0.000
	Max	4.951	12.871	9.901
	Average	1.547	0.990	-0.557
	Min	-1.980	-12.871	-11.881
	Std Dev	1.912	5.670	4.823

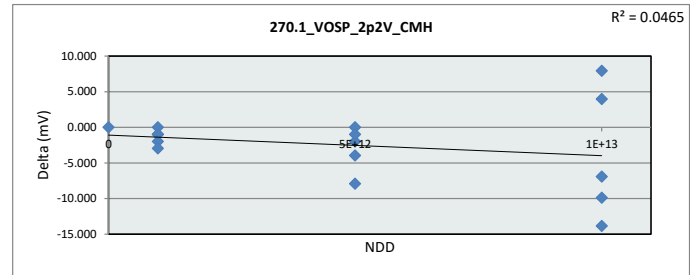


		270.0_VOSP_2p2V_CMH			
Max Limit		20 mV			
Min Limit		-20 mV			
NDD	0	1E+12	5E+12	1E+13	
LL	-20.000	-20.000	-20.000	-20.000	
Min	-1.980	-0.990	0.990	-12.871	
Average	-1.980	1.584	3.762	-1.782	
Max	-1.980	4.951	6.931	12.871	
UL	20.000	20.000	20.000	20.000	

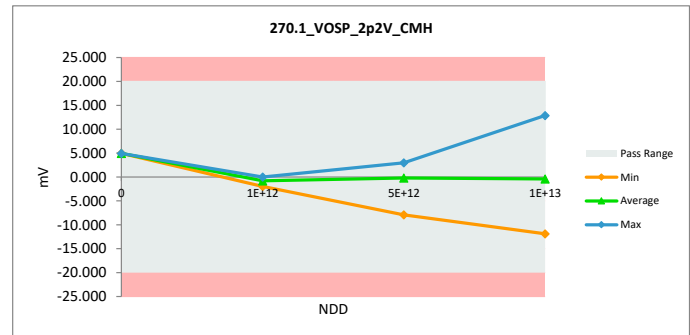


NDD Report TLV1704-SEP

270.1_VOSP_2p2V_CMH				
Unit		mV	mV	
Max Limit		20	20	
Min Limit		-20	-20	
NDD	Serial #	Pre	Post	Delta
1E+12	1	0.990	0.000	-0.990
1E+12	2	-1.980	-1.980	0.000
1E+12	3	0.990	0.000	-0.990
1E+12	4	1.980	0.000	-1.980
1E+12	5	0.990	-1.980	-2.970
5E+12	6	4.951	0.990	-3.960
5E+12	7	3.960	1.980	-1.980
5E+12	8	0.000	-7.921	-7.921
5E+12	9	2.970	2.970	0.000
5E+12	10	1.980	0.990	-0.990
1E+13	11	3.960	-2.970	-6.931
1E+13	12	3.960	7.921	3.960
1E+13	13	4.951	12.871	7.921
1E+13	14	1.980	-11.881	-13.861
1E+13	15	1.980	-7.921	-9.901
0	c1	4.951	4.951	0.000
Max		4.951	12.871	7.921
Average		2.413	-0.124	-2.537
Min		-1.980	-11.881	-13.861
Std Dev		1.979	6.059	5.239

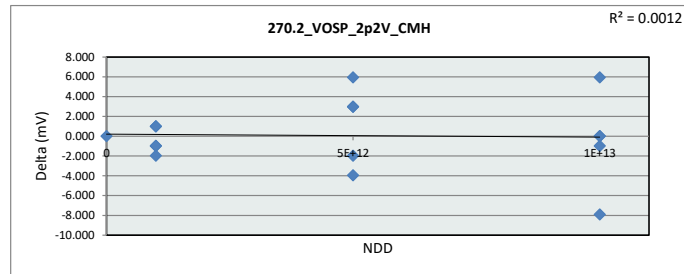


270.1_VOSP_2p2V_CMH				
Max Limit		20	mV	
Min Limit		-20	mV	
NDD	0	1E+12	5E+12	1E+13
LL	-20.000	-20.000	-20.000	-20.000
Min	4.951	-1.980	-7.921	-11.881
Average	4.951	-0.792	-0.198	-0.396
Max	4.951	0.000	2.970	12.871
UL	20.000	20.000	20.000	20.000

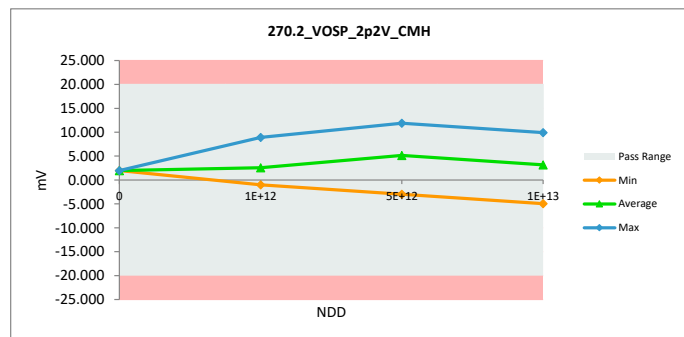


NDD Report
TLV1704-SEP

		270.2_VOSP_2p2V_CMH		
Unit		mV		mV
Max Limit		20		20
Min Limit		-20		-20
NDD	Serial #	Pre	Post	Delta
1E+12	1	2.970	3.960	0.990
1E+12	2	7.921	8.911	0.990
1E+12	3	1.980	0.990	-0.990
1E+12	4	0.990	-0.990	-1.980
1E+12	5	0.990	0.000	-0.990
5E+12	6	5.941	11.881	5.941
5E+12	7	4.951	2.970	-1.980
5E+12	8	0.990	-2.970	-3.960
5E+12	9	3.960	6.931	2.970
5E+12	10	3.960	6.931	2.970
1E+13	11	0.990	0.000	-0.990
1E+13	12	5.941	5.941	0.000
1E+13	13	3.960	9.901	5.941
1E+13	14	4.951	4.951	0.000
1E+13	15	2.970	-4.951	-7.921
0	c1	1.980	1.980	0.000
	Max	7.921	11.881	5.941
	Average	3.465	3.527	0.062
	Min	0.990	-4.951	-7.921
	Std Dev	2.108	4.755	3.458

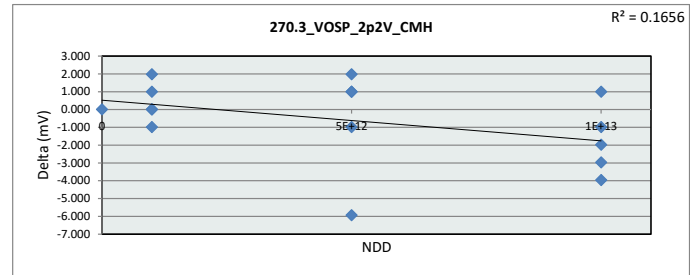


		270.2_VOSP_2p2V_CMH			
Max Limit		20 mV			
Min Limit		-20 mV			
NDD	0	1E+12	5E+12	1E+13	
LL	-20.000	-20.000	-20.000	-20.000	
Min	1.980	-0.990	-2.970	-4.951	
Average	1.980	2.574	5.149	3.168	
Max	1.980	8.911	11.881	9.901	
UL	20.000	20.000	20.000	20.000	

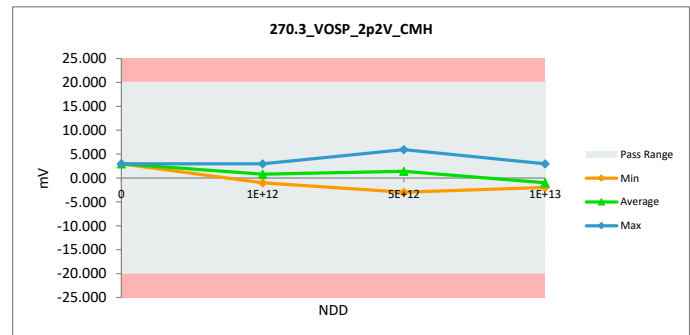


NDD Report
TLV1704-SEP

270.3_VOSP_2p2V_CMH				
Unit		mV	mV	
Max Limit		20	20	
Min Limit		-20	-20	
NDD	Serial #	Pre	Post	Delta
1E+12	1	2.970	2.970	0.000
1E+12	2	0.000	-0.990	-0.990
1E+12	3	-0.990	0.000	0.990
1E+12	4	0.000	0.000	0.000
1E+12	5	0.000	1.980	1.980
5E+12	6	3.960	5.941	1.980
5E+12	7	1.980	2.970	0.990
5E+12	8	-0.990	0.000	0.990
5E+12	9	1.980	0.990	-0.990
5E+12	10	2.970	-2.970	-5.941
1E+13	11	1.980	2.970	0.990
1E+13	12	0.990	-1.980	-2.970
1E+13	13	0.000	-1.980	-1.980
1E+13	14	1.980	-1.980	-3.960
1E+13	15	-0.990	-1.980	-0.990
0	c1	2.970	2.970	0.000
Max		3.960	5.941	1.980
Average		1.176	0.557	-0.619
Min		-0.990	-2.970	-5.941
Std Dev		1.626	2.530	2.195

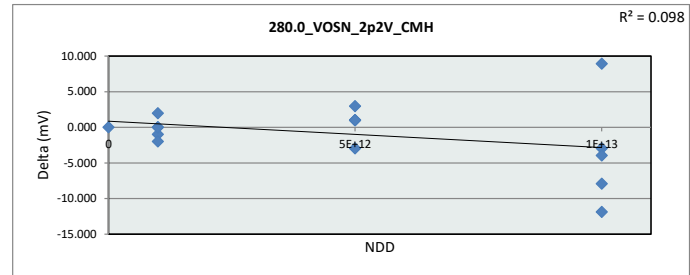


270.3_VOSP_2p2V_CMH				
Max Limit		20	mV	
Min Limit		-20	mV	
NDD	0	1E+12	5E+12	1E+13
LL	-20.000	-20.000	-20.000	-20.000
Min	2.970	-0.990	-2.970	-1.980
Average	2.970	0.792	1.386	-0.990
Max	2.970	2.970	5.941	2.970
UL	20.000	20.000	20.000	20.000

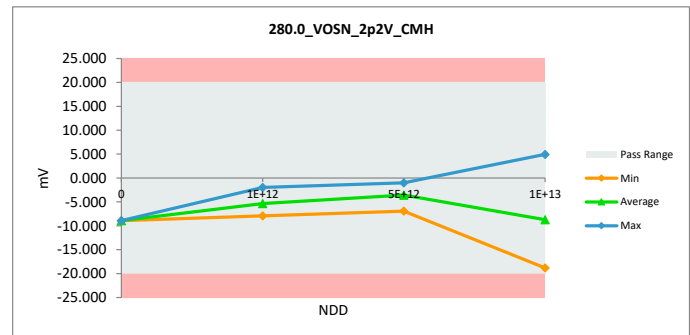


NDD Report
TLV1704-SEP

		280.0_VOSN_2p2V_CMH		
Unit		mV	mV	
Max Limit		20	20	
Min Limit		-20	-20	
NDD	Serial #	Pre	Post	Delta
1E+12	1	-5.941	-6.931	-0.990
1E+12	2	-5.941	-7.921	-1.980
1E+12	3	-4.951	-2.970	1.980
1E+12	4	-1.980	-1.980	0.000
1E+12	5	-6.931	-6.931	0.000
5E+12	6	-3.960	-2.970	0.990
5E+12	7	-3.960	-6.931	-2.970
5E+12	8	-3.960	-0.990	2.970
5E+12	9	-4.951	-3.960	0.990
5E+12	10	-3.960	-2.970	0.990
1E+13	11	-4.951	-7.921	-2.970
1E+13	12	-2.970	-10.891	-7.921
1E+13	13	-3.960	4.951	8.911
1E+13	14	-6.931	-18.812	-11.881
1E+13	15	-6.931	-10.891	-3.960
0	c1	-8.911	-8.911	0.000
	Max	-1.980	4.951	8.911
	Average	-5.074	-6.064	-0.990
	Min	-8.911	-18.812	-11.881
	Std Dev	1.767	5.312	4.630

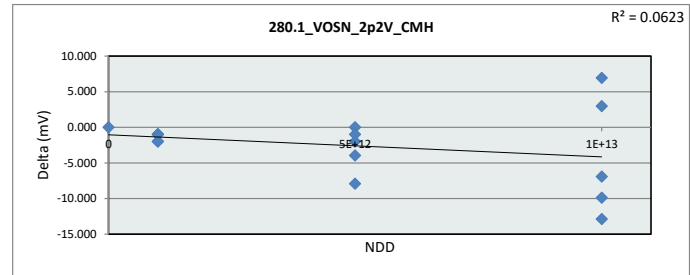


		280.0_VOSN_2p2V_CMH		
Max Limit		20	mV	
Min Limit		-20	mV	
NDD	0	1E+12	5E+12	1E+13
LL	-20.000	-20.000	-20.000	-20.000
Min	-8.911	-7.921	-6.931	-18.812
Average	-8.911	-5.347	-3.564	-8.713
Max	-8.911	-1.980	-0.990	4.951
UL	20.000	20.000	20.000	20.000

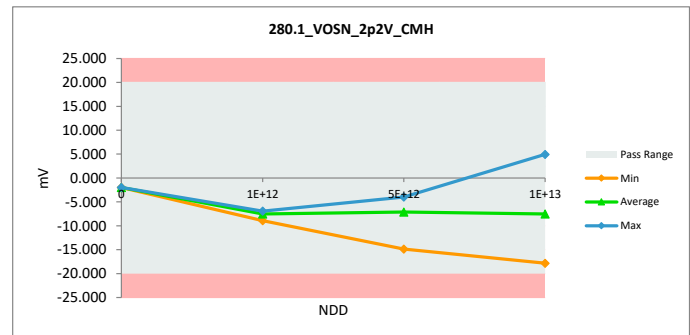


NDD Report
TLV1704-SEP

		280.1_VOSN_2p2V_CMH		
Unit		mV	mV	
Max Limit		20	20	
Min Limit		-20	-20	
NDD	Serial #	Pre	Post	Delta
1E+12	1	-5.941	-6.931	-0.990
1E+12	2	-7.921	-8.911	-0.990
1E+12	3	-5.941	-6.931	-0.990
1E+12	4	-4.951	-6.931	-1.980
1E+12	5	-5.941	-7.921	-1.980
5E+12	6	-1.980	-5.941	-3.960
5E+12	7	-2.970	-4.951	-1.980
5E+12	8	-6.931	-14.851	-7.921
5E+12	9	-3.960	-3.960	0.000
5E+12	10	-4.951	-5.941	-0.990
1E+13	11	-2.970	-9.901	-6.931
1E+13	12	-2.970	0.000	2.970
1E+13	13	-1.980	4.951	6.931
1E+13	14	-4.951	-17.822	-12.871
1E+13	15	-4.951	-14.851	-9.901
0	c1	-1.980	-1.980	0.000
	Max	-1.980	4.951	6.931
	Average	-4.455	-7.054	-2.599
	Min	-7.921	-17.822	-12.871
	Std Dev	1.843	5.692	4.862

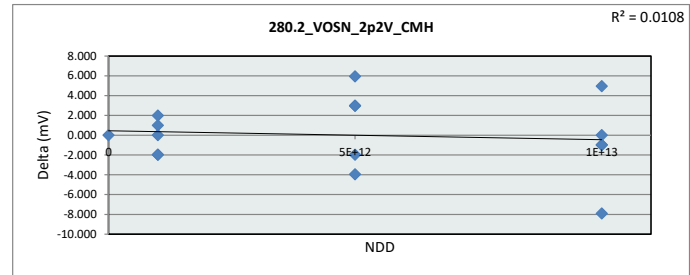


		280.1_VOSN_2p2V_CMH		
Max Limit		20	mV	
Min Limit		-20	mV	
NDD	0	1E+12	5E+12	1E+13
LL	-20.000	-20.000	-20.000	-20.000
Min	-1.980	-8.911	-14.852	-17.822
Average	-1.980	-7.525	-7.129	-7.525
Max	-1.980	-6.931	-3.960	4.951
UL	20.000	20.000	20.000	20.000

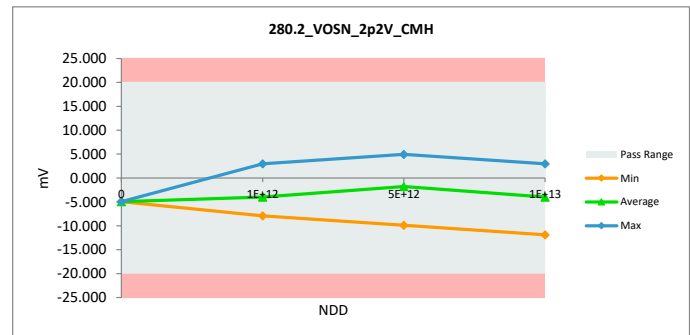


NDD Report TLV1704-SEP

		280.2_VOSN_2p2V_CMH		
Unit		mV		mV
Max Limit		20		20
Min Limit		-20		-20
NDD	Serial #	Pre	Post	Delta
1E+12	1	-3.960	-2.970	0.990
1E+12	2	0.990	2.970	1.980
1E+12	3	-3.960	-5.941	-1.980
1E+12	4	-5.941	-7.921	-1.980
1E+12	5	-5.941	-5.941	0.000
5E+12	6	-0.990	4.951	5.941
5E+12	7	-1.980	-3.960	-1.980
5E+12	8	-5.941	-9.901	-3.960
5E+12	9	-2.970	0.000	2.970
5E+12	10	-2.970	0.000	2.970
1E+13	11	-5.941	-6.931	-0.990
1E+13	12	-0.990	-1.980	-0.990
1E+13	13	-1.980	2.970	4.951
1E+13	14	-1.980	-1.980	0.000
1E+13	15	-3.960	-11.881	-7.921
0	c1	-4.951	-4.951	0.000
	Max	0.990	4.951	5.941
	Average	-3.342	-3.342	0.000
	Min	-5.941	-11.881	-7.921
	Std Dev	2.104	4.767	3.411

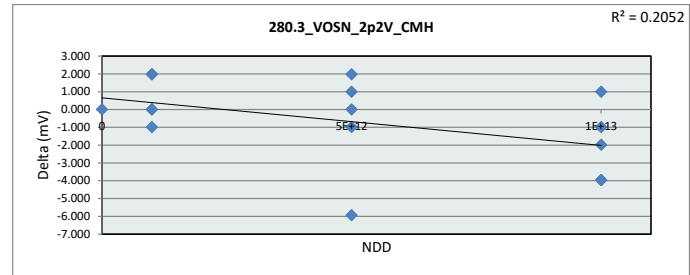


		280.2_VOSN_2p2V_CMH			
Max Limit		20 mV			
Min Limit		-20 mV			
NDD		0	1E+12	5E+12	1E+13
LL		-20.000	-20.000	-20.000	-20.000
Min		-4.951	-7.921	-9.901	-11.881
Average		-4.951	-3.960	-1.782	-3.960
Max		-4.951	2.970	4.951	2.970
UL		20.000	20.000	20.000	20.000

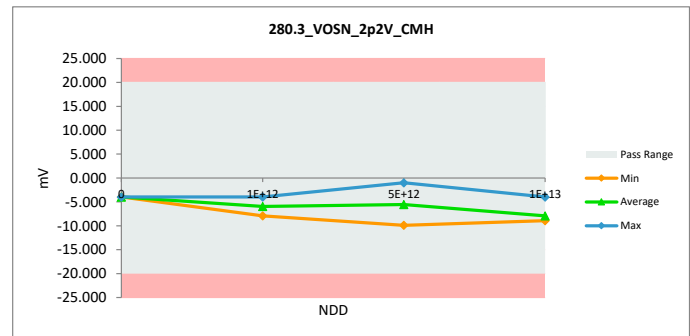


NDD Report
TLV1704-SEP

		280.3_VOSN_2p2V_CMH		
Unit		mV		mV
Max Limit		20		20
Min Limit		-20		-20
NDD	Serial #	Pre	Post	Delta
1E+12	1	-3.960	-3.960	0.000
1E+12	2	-6.931	-7.921	-0.990
1E+12	3	-7.921	-5.941	1.980
1E+12	4	-6.931	-6.931	0.000
1E+12	5	-6.931	-4.951	1.980
5E+12	6	-2.970	-0.990	1.980
5E+12	7	-4.951	-3.960	0.990
5E+12	8	-6.931	-6.931	0.000
5E+12	9	-4.951	-5.941	-0.990
5E+12	10	-3.960	-9.901	-5.941
1E+13	11	-4.951	-3.960	0.990
1E+13	12	-4.951	-8.911	-3.960
1E+13	13	-6.931	-8.911	-1.980
1E+13	14	-4.951	-8.911	-3.960
1E+13	15	-7.921	-8.911	-0.990
0	c1	-3.960	-3.960	0.000
	Max	-2.970	-0.990	1.980
	Average	-5.631	-6.312	-0.681
	Min	-7.921	-9.901	-5.941
	Std Dev	1.564	2.528	2.307

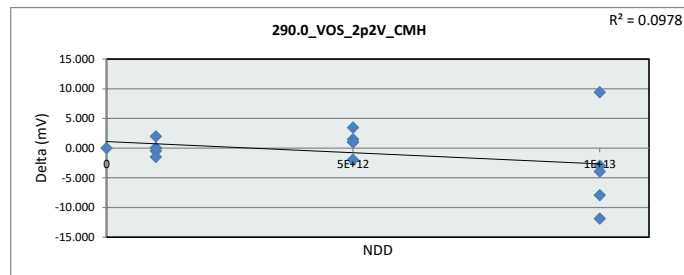


		280.3_VOSN_2p2V_CMH			
Max Limit		20 mV			
Min Limit		-20 mV			
NDD	0	1E+12	5E+12	1E+13	
LL	-20.000	-20.000	-20.000	-20.000	
Min	-3.960	-7.921	-9.901	-8.911	
Average	-3.960	-5.941	-5.545	-7.921	
Max	-3.960	-3.960	-0.990	-3.960	
UL	20.000	20.000	20.000	20.000	

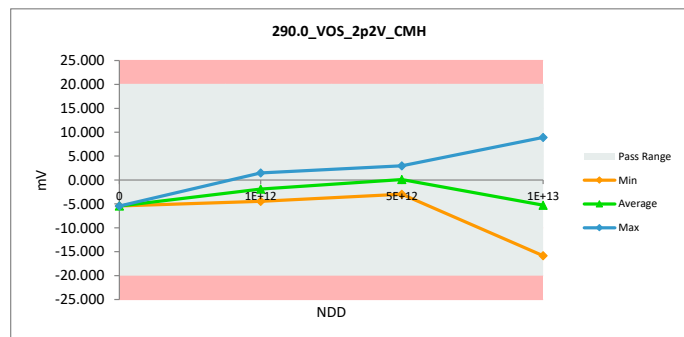


NDD Report TLV1704-SEP

		290.0_VOS_2p2V_CMH		
Unit		mV		mV
Max Limit		20		20
Min Limit		-20		-20
NDD	Serial #	Pre	Post	Delta
1E+12	1	-2.970	-3.465	-0.495
1E+12	2	-2.970	-4.455	-1.485
1E+12	3	-1.485	0.495	1.980
1E+12	4	1.485	1.485	0.000
1E+12	5	-3.465	-3.465	0.000
5E+12	6	-0.495	0.495	0.990
5E+12	7	-0.990	-2.970	-1.980
5E+12	8	-0.495	2.970	3.465
5E+12	9	-1.980	-0.495	1.485
5E+12	10	-0.495	0.495	0.990
1E+13	11	-1.485	-4.455	-2.970
1E+13	12	0.495	-7.426	-7.921
1E+13	13	-0.495	8.911	9.406
1E+13	14	-3.960	-15.842	-11.881
1E+13	15	-3.465	-7.426	-3.960
0	c1	-5.445	-5.445	0.000
	Max	1.485	8.911	9.406
	Average	-1.764	-2.537	-0.774
	Min	-5.445	-15.842	-11.881
	Std Dev	1.825	5.488	4.717

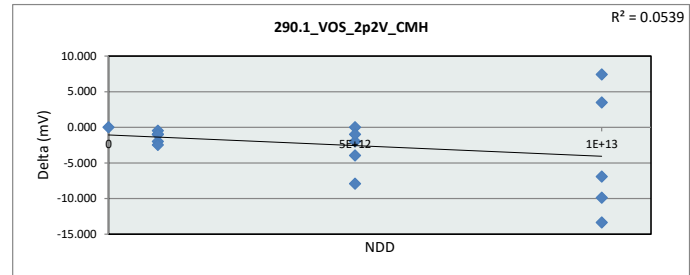


		290.0_VOS_2p2V_CMH			
Max Limit		20		mV	
Min Limit		-20		mV	
NDD	0	1E+12	5E+12	1E+13	
LL	-20.000	-20.000	-20.000	-20.000	
Min	-5.446	-4.455	-2.970	-15.842	
Average	-5.446	-1.881	0.099	-5.248	
Max	-5.446	1.485	2.970	8.911	
UL	20.000	20.000	20.000	20.000	

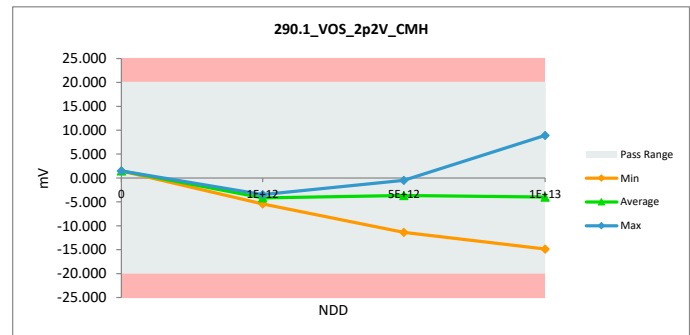


NDD Report
TLV1704-SEP

		290.1_VOS_2p2V_CMH		
Unit		mV		
Max Limit		20		
Min Limit		-20		
NDD	Serial #	Pre	Post	Delta
1E+12	1	-2.475	-3.465	-0.990
1E+12	2	-4.951	-5.445	-0.495
1E+12	3	-2.475	-3.465	-0.990
1E+12	4	-1.485	-3.465	-1.980
1E+12	5	-2.475	-4.951	-2.475
5E+12	6	1.485	-2.475	-3.960
5E+12	7	0.495	-1.485	-1.980
5E+12	8	-3.465	-11.386	-7.921
5E+12	9	-0.495	-0.495	0.000
5E+12	10	-1.485	-2.475	-0.990
1E+13	11	0.495	-6.436	-6.931
1E+13	12	0.495	3.960	3.465
1E+13	13	1.485	8.911	7.426
1E+13	14	-1.485	-14.851	-13.366
1E+13	15	-1.485	-11.386	-9.901
0	c1	1.485	1.485	0.000
	Max	1.485	8.911	7.426
	Average	-1.021	-3.589	-2.568
	Min	-4.951	-14.851	-13.366
	Std Dev	1.908	5.873	5.046

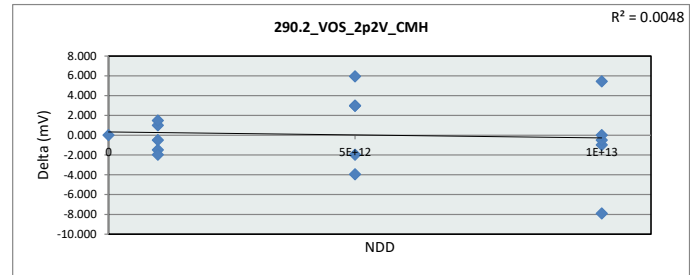


		290.1_VOS_2p2V_CMH			
Max Limit		20 mV			
Min Limit		-20 mV			
NDD		0	1E+12	5E+12	1E+13
LL		-20.000	-20.000	-20.000	-20.000
Min		1.485	-5.446	-11.386	-14.852
Average		1.485	-4.158	-3.663	-3.960
Max		1.485	-3.465	-0.495	8.911
UL		20.000	20.000	20.000	20.000

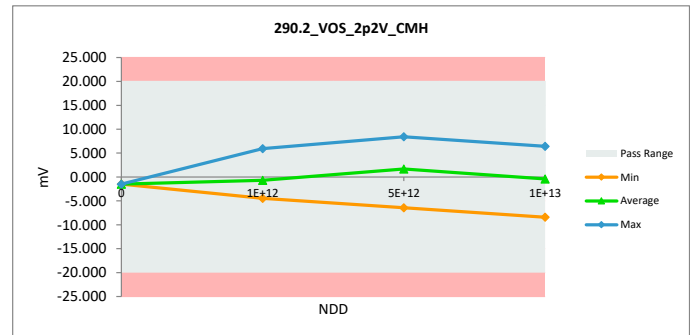


NDD Report TLV1704-SEP

		290.2_VOS_2p2V_CMH		
Unit		mV		mV
Max Limit		20		20
Min Limit		-20		-20
NDD	Serial #	Pre	Post	Delta
1E+12	1	-0.495	0.495	0.990
1E+12	2	4.455	5.941	1.485
1E+12	3	-0.990	-2.475	-1.485
1E+12	4	-2.475	-4.455	-1.980
1E+12	5	-2.475	-2.970	-0.495
5E+12	6	2.475	8.416	5.941
5E+12	7	1.485	-0.495	-1.980
5E+12	8	-2.475	-6.436	-3.960
5E+12	9	0.495	3.465	2.970
5E+12	10	0.495	3.465	2.970
1E+13	11	-2.475	-3.465	-0.990
1E+13	12	2.475	1.980	-0.495
1E+13	13	0.990	6.436	5.445
1E+13	14	1.485	1.485	0.000
1E+13	15	-0.495	-8.416	-7.921
0	c1	-1.485	-1.485	0.000
	Max	4.455	8.416	5.941
	Average	0.062	0.093	0.031
	Min	-2.475	-8.416	-7.921
	Std Dev	2.099	4.756	3.422



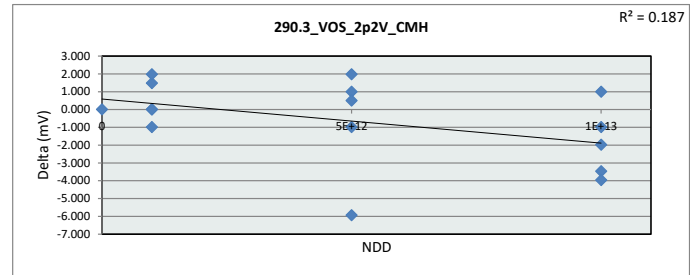
		290.2_VOS_2p2V_CMH			
Max Limit		20		mV	
Min Limit		-20		mV	
NDD	0	1E+12	5E+12	1E+13	
LL	-20.000	-20.000	-20.000	-20.000	
Min	-1.485	-4.455	-6.436	-8.416	
Average	-1.485	-0.693	1.683	-0.396	
Max	-1.485	5.941	8.416	6.436	
UL	20.000	20.000	20.000	20.000	



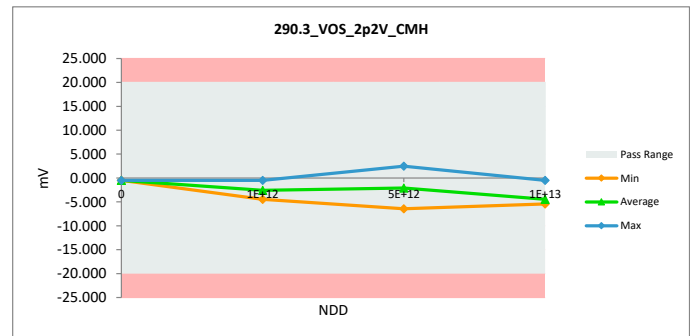
NDD Report

TLV1704-SEP

		290.3_VOS_2p2V_CMH		
Unit		mV		
Max Limit		20		
Min Limit		-20		
NDD	Serial #	Pre	Post	Delta
1E+12	1	-0.495	-0.495	0.000
1E+12	2	-3.465	-4.455	-0.990
1E+12	3	-4.455	-2.970	1.485
1E+12	4	-3.465	-3.465	0.000
1E+12	5	-3.465	-1.485	1.980
5E+12	6	0.495	2.475	1.980
5E+12	7	-1.485	-0.495	0.990
5E+12	8	-3.960	-3.465	0.495
5E+12	9	-1.485	-2.475	-0.990
5E+12	10	-0.495	-6.436	-5.941
1E+13	11	-1.485	-0.495	0.990
1E+13	12	-1.980	-5.445	-3.465
1E+13	13	-3.465	-5.445	-1.980
1E+13	14	-1.485	-5.445	-3.960
1E+13	15	-4.455	-5.445	-0.990
0	c1	-0.495	-0.495	0.000
	Max	0.495	2.475	1.980
	Average	-2.228	-2.877	-0.650
	Min	-4.455	-6.436	-5.941
	Std Dev	1.586	2.526	2.241

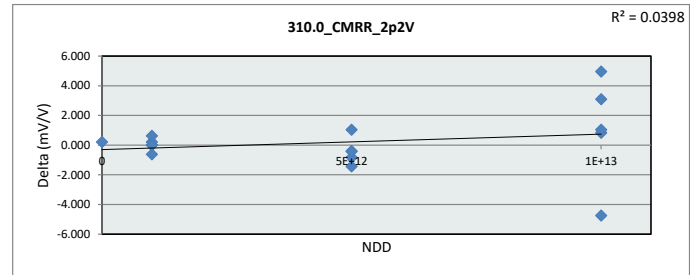


		290.3_VOS_2p2V_CMH			
Max Limit		20 mV			
Min Limit		-20 mV			
NDD		0	1E+12	5E+12	1E+13
LL		-20.000	-20.000	-20.000	-20.000
Min		-0.495	-4.455	-6.436	-5.446
Average		-0.495	-2.574	-2.079	-4.455
Max		-0.495	-0.495	2.475	-0.495
UL		20.000	20.000	20.000	20.000

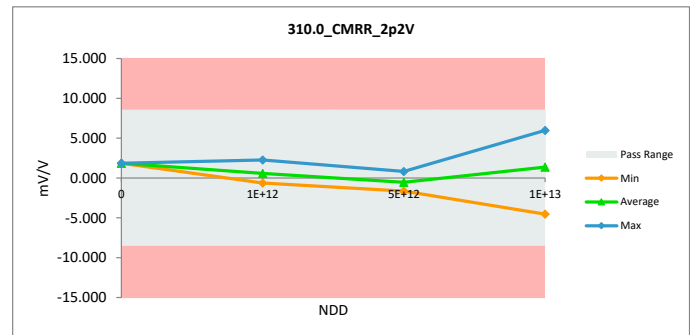


NDD Report
TLV1704-SEP

		310.0_CMRR_2p2V		
Unit		mV/V	mV/V	
Max Limit		8.5	8.5	
Min Limit		-8.5	-8.5	
NDD	Serial #	Pre	Post	Delta
1E+12	1	0.412	0.619	0.206
1E+12	2	1.650	2.269	0.619
1E+12	3	0.206	-0.412	-0.619
1E+12	4	-0.619	-0.619	0.000
1E+12	5	1.031	1.031	0.000
5E+12	6	-0.412	-0.825	-0.413
5E+12	7	-0.206	0.825	1.031
5E+12	8	-0.206	-1.650	-1.444
5E+12	9	0.000	-0.825	-0.825
5E+12	10	0.206	-0.206	-0.413
1E+13	11	0.412	1.238	0.825
1E+13	12	-1.031	2.063	3.094
1E+13	13	0.206	-4.538	-4.744
1E+13	14	1.031	5.982	4.950
1E+13	15	1.031	2.063	1.031
0	c1	1.650	1.856	0.206
	Max	1.650	5.982	4.950
	Average	0.335	0.554	0.219
	Min	-1.031	-4.538	-4.744
	Std Dev	0.775	2.264	2.043

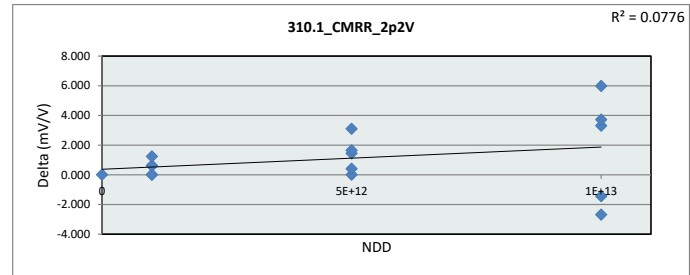


		310.0_CMRR_2p2V		
Max Limit		8.5	mV/V	
Min Limit		-8.5	mV/V	
NDD	0	1E+12	5E+12	1E+13
LL	-8.500	-8.500	-8.500	-8.500
Min	1.856	-0.619	-1.650	-4.538
Average	1.856	0.578	-0.536	1.361
Max	1.856	2.269	0.825	5.982
UL	8.500	8.500	8.500	8.500

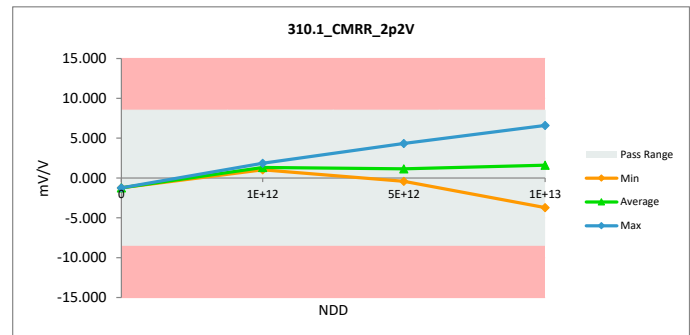


NDD Report
TLV1704-SEP

		310.1_CMRR_2p2V		
Unit		mV/V	mV/V	
Max Limit		8.5	8.5	
Min Limit		-8.5	-8.5	
NDD	Serial #	Pre	Post	Delta
1E+12	1	1.031	1.031	0.000
1E+12	2	1.856	1.856	0.000
1E+12	3	0.619	1.238	0.619
1E+12	4	0.412	1.031	0.619
1E+12	5	0.206	1.444	1.238
5E+12	6	-1.238	0.206	1.444
5E+12	7	-0.619	1.031	1.650
5E+12	8	1.238	4.332	3.094
5E+12	9	-0.412	-0.412	0.000
5E+12	10	0.206	0.619	0.412
1E+13	11	-0.619	2.681	3.300
1E+13	12	0.000	-1.444	-1.444
1E+13	13	-1.031	-3.713	-2.681
1E+13	14	0.619	6.601	5.982
1E+13	15	0.206	3.919	3.713
0	c1	-1.238	-1.238	0.000
Max		1.856	6.601	5.982
Average		0.077	1.199	1.122
Min		-1.238	-3.713	-2.681
Std Dev		0.897	2.451	2.105

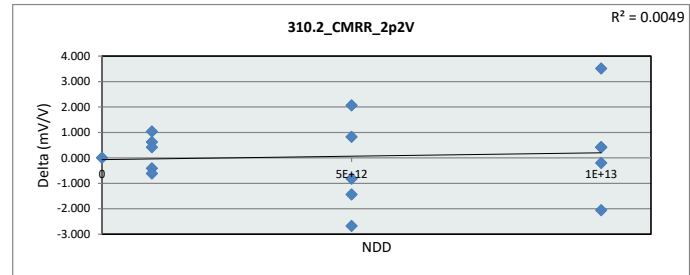


		310.1_CMRR_2p2V			
Max Limit		8.5	mV/V		
Min Limit		-8.5	mV/V		
NDD	0	1E+12	5E+12	1E+13	
LL	-8.500	-8.500	-8.500	-8.500	
Min	-1.238	1.031	-0.413	-3.713	
Average	-1.238	1.320	1.155	1.609	
Max	-1.238	1.856	4.332	6.601	
UL	8.500	8.500	8.500	8.500	

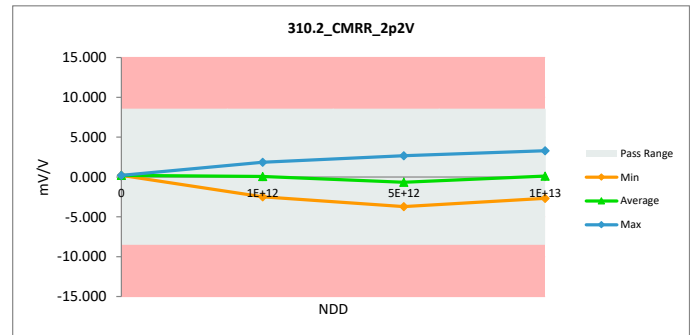


NDD Report
TLV1704-SEP

		310.2_CMRR_2p2V		
Unit		mV/V	mV/V	
Max Limit		8.5	8.5	
Min Limit		-8.5	-8.5	
NDD	Serial #	Pre	Post	Delta
1E+12	1	-0.206	-0.619	-0.412
1E+12	2	-1.856	-2.475	-0.619
1E+12	3	0.412	1.031	0.619
1E+12	4	0.825	1.856	1.031
1E+12	5	0.206	0.619	0.412
5E+12	6	-1.031	-3.713	-2.681
5E+12	7	-0.619	0.206	0.825
5E+12	8	0.619	2.681	2.063
5E+12	9	-0.412	-1.856	-1.444
5E+12	10	0.206	-0.619	-0.825
1E+13	11	0.825	1.238	0.412
1E+13	12	-0.825	-0.412	0.413
1E+13	13	-0.619	-2.681	-2.063
1E+13	14	-0.619	-0.825	-0.206
1E+13	15	-0.206	3.300	3.507
0	c1	0.206	0.206	0.000
	Max	0.825	3.300	3.507
	Average	-0.193	-0.129	0.064
	Min	-1.856	-3.713	-2.681
	Std Dev	0.732	1.941	1.504

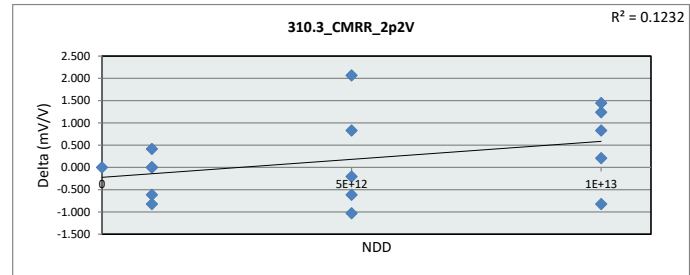


		310.2_CMRR_2p2V			
Max Limit		8.5	mV/V		
Min Limit		-8.5	mV/V		
NDD	0	1E+12	5E+12	1E+13	
LL	-8.500	-8.500	-8.500	-8.500	
Min	0.206	-2.475	-3.713	-2.682	
Average	0.206	0.083	-0.660	0.124	
Max	0.206	1.856	2.682	3.300	
UL	8.500	8.500	8.500	8.500	

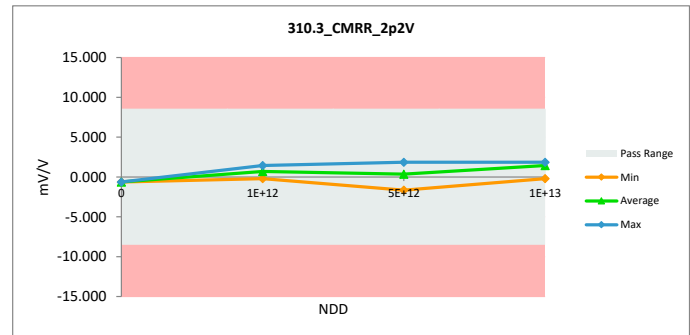


NDD Report
TLV1704-SEP

310.3_CMRR_2p2V				
Unit		mV/V	mV/V	
Max Limit		8.5	8.5	
Min Limit		-8.5	-8.5	
NDD	Serial #	Pre	Post	Delta
1E+12	1	-0.206	-0.206	0.000
1E+12	2	1.031	1.444	0.413
1E+12	3	1.444	0.825	-0.619
1E+12	4	1.238	1.238	0.000
1E+12	5	1.031	0.206	-0.825
5E+12	6	-0.619	-1.650	-1.031
5E+12	7	0.619	0.412	-0.206
5E+12	8	0.825	0.206	-0.619
5E+12	9	0.206	1.031	0.825
5E+12	10	-0.206	1.856	2.063
1E+13	11	0.619	-0.206	-0.825
1E+13	12	0.412	1.856	1.444
1E+13	13	1.031	1.856	0.825
1E+13	14	0.619	1.856	1.238
1E+13	15	1.650	1.856	0.206
0	c1	-0.619	-0.619	0.000
	Max	1.650	1.856	2.063
	Average	0.567	0.748	0.180
	Min	-0.619	-1.650	-1.031
	Std Dev	0.696	1.067	0.900

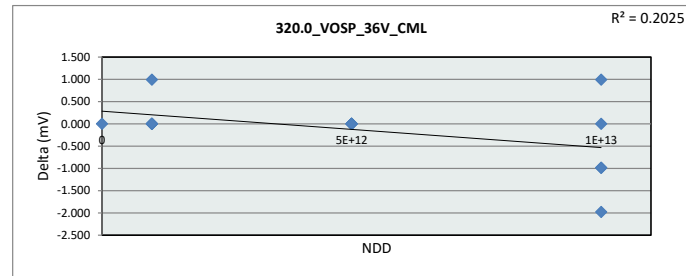


310.3_CMRR_2p2V				
Max Limit	8.5	mV/V		
Min Limit	-8.5	mV/V		
NDD	0	1E+12	5E+12	1E+13
LL	-8.500	-8.500	-8.500	-8.500
Min	-0.619	-0.206	-1.650	-0.206
Average	-0.619	0.701	0.371	1.444
Max	-0.619	1.444	1.856	1.856
UL	8.500	8.500	8.500	8.500

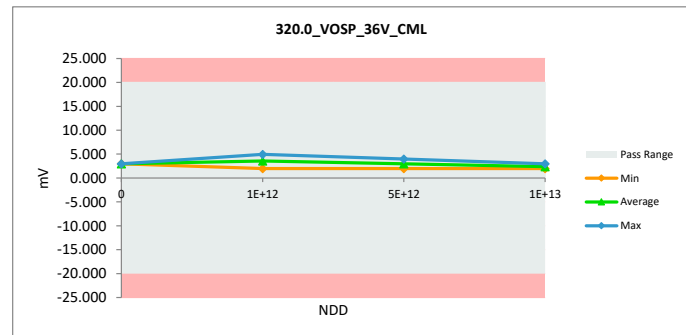


NDD Report TLV1704-SEP

		320.0_VOSP_36V_CML		
Unit		mV	mV	
Max Limit		20	20	
Min Limit		-20	-20	
NDD	Serial #	Pre	Post	Delta
1E+12	1	1.980	1.980	0.000
1E+12	2	4.951	4.951	0.000
1E+12	3	2.970	3.960	0.990
1E+12	4	3.960	3.960	0.000
1E+12	5	2.970	2.970	0.000
5E+12	6	2.970	2.970	0.000
5E+12	7	2.970	2.970	0.000
5E+12	8	2.970	2.970	0.000
5E+12	9	1.980	1.980	0.000
5E+12	10	3.960	3.960	0.000
1E+13	11	3.960	2.970	-0.990
1E+13	12	1.980	1.980	0.000
1E+13	13	3.960	1.980	-1.980
1E+13	14	1.980	2.970	0.990
1E+13	15	2.970	1.980	-0.990
0	c1	2.970	2.970	0.000
Max		4.951	4.951	0.990
Average		3.094	2.970	-0.124
Min		1.980	1.980	-1.980
Std Dev		0.876	0.886	0.712

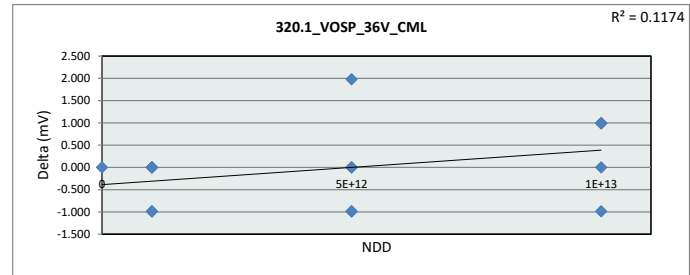


		320.0_VOSP_36V_CML		
Max Limit		20	mV	
Min Limit		-20	mV	
NDD	0	1E+12	5E+12	1E+13
LL	-20.000	-20.000	-20.000	-20.000
Min	2.970	1.980	1.980	1.980
Average	2.970	3.564	2.970	2.376
Max	2.970	4.951	3.960	2.970
UL	20.000	20.000	20.000	20.000

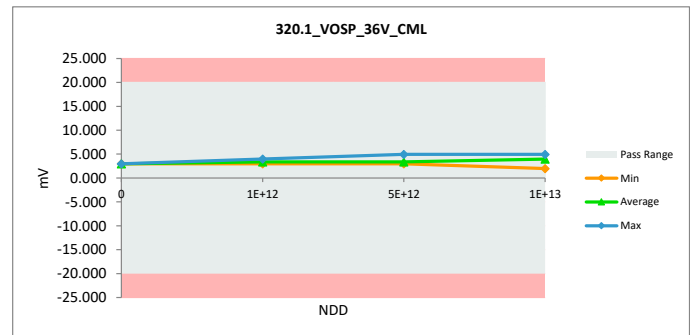


NDD Report
TLV1704-SEP

		320.1_VOSP_36V_CML		
Unit		mV	mV	
Max Limit		20	20	
Min Limit		-20	-20	
NDD	Serial #	Pre	Post	Delta
1E+12	1	3.960	3.960	0.000
1E+12	2	3.960	2.970	-0.990
1E+12	3	3.960	3.960	0.000
1E+12	4	3.960	2.970	-0.990
1E+12	5	2.970	2.970	0.000
5E+12	6	2.970	2.970	0.000
5E+12	7	2.970	4.951	1.980
5E+12	8	3.960	2.970	-0.990
5E+12	9	2.970	2.970	0.000
5E+12	10	3.960	2.970	-0.990
1E+13	11	3.960	3.960	0.000
1E+13	12	3.960	4.951	0.990
1E+13	13	2.970	3.960	0.990
1E+13	14	3.960	4.951	0.990
1E+13	15	2.970	1.980	-0.990
0	c1	2.970	2.970	0.000
	Max	3.960	4.951	1.980
	Average	3.527	3.527	0.000
	Min	2.970	1.980	-0.990
	Std Dev	0.507	0.883	0.886

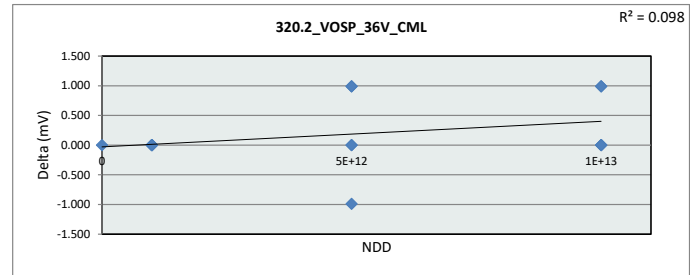


		320.1_VOSP_36V_CML		
Max Limit		20	mV	
Min Limit		-20	mV	
NDD	0	1E+12	5E+12	1E+13
LL	-20.000	-20.000	-20.000	-20.000
Min	2.970	2.970	2.970	1.980
Average	2.970	3.366	3.366	3.960
Max	2.970	3.960	4.951	4.951
UL	20.000	20.000	20.000	20.000

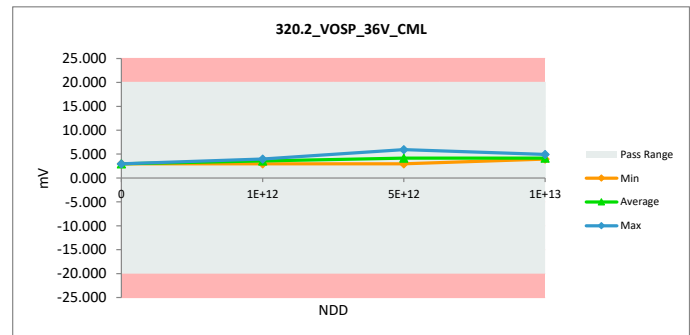


NDD Report
TLV1704-SEP

		320.2_VOSP_36V_CML		
Unit		mV	mV	
Max Limit		20	20	
Min Limit		-20	-20	
NDD	Serial #	Pre	Post	Delta
1E+12	1	2.970	2.970	0.000
1E+12	2	3.960	3.960	0.000
1E+12	3	3.960	3.960	0.000
1E+12	4	3.960	3.960	0.000
1E+12	5	2.970	2.970	0.000
5E+12	6	3.960	3.960	0.000
5E+12	7	3.960	3.960	0.000
5E+12	8	2.970	3.960	0.990
5E+12	9	3.960	2.970	-0.990
5E+12	10	4.951	5.941	0.990
1E+13	11	3.960	3.960	0.000
1E+13	12	3.960	4.951	0.990
1E+13	13	3.960	3.960	0.000
1E+13	14	3.960	3.960	0.000
1E+13	15	2.970	3.960	0.990
0	c1	2.970	2.970	0.000
Max		4.951	5.941	0.990
Average		3.713	3.899	0.186
Min		2.970	2.970	-0.990
Std Dev		0.572	0.764	0.539

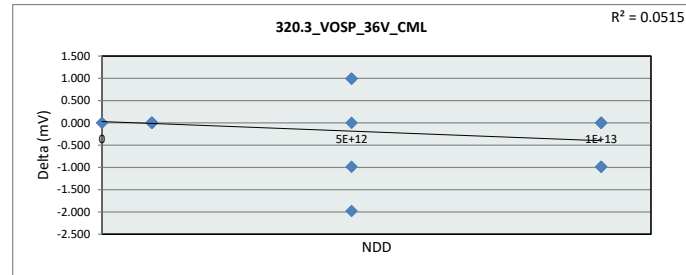


		320.2_VOSP_36V_CML		
Max Limit		20	mV	
Min Limit		-20	mV	
NDD	0	1E+12	5E+12	1E+13
LL	-20.000	-20.000	-20.000	-20.000
Min	2.970	2.970	2.970	3.960
Average	2.970	3.564	4.158	4.158
Max	2.970	3.960	5.941	4.951
UL	20.000	20.000	20.000	20.000

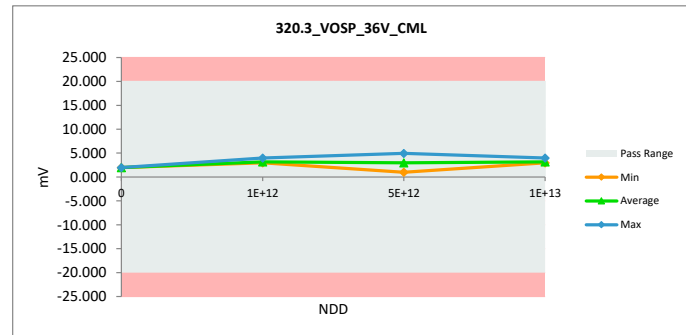


NDD Report TLV1704-SEP

		320.3_VOSP_36V_CML		
Unit		mV	mV	
Max Limit		20	20	
Min Limit		-20	-20	
NDD	Serial #	Pre	Post	Delta
1E+12	1	2.970	2.970	0.000
1E+12	2	2.970	2.970	0.000
1E+12	3	2.970	2.970	0.000
1E+12	4	3.960	3.960	0.000
1E+12	5	2.970	2.970	0.000
5E+12	6	2.970	2.970	0.000
5E+12	7	3.960	4.951	0.990
5E+12	8	2.970	0.990	-1.980
5E+12	9	2.970	3.960	0.990
5E+12	10	2.970	1.980	-0.990
1E+13	11	3.960	2.970	-0.990
1E+13	12	2.970	2.970	0.000
1E+13	13	2.970	2.970	0.000
1E+13	14	3.960	3.960	0.000
1E+13	15	3.960	2.970	-0.990
0	c1	1.980	1.980	0.000
	Max	3.960	4.951	0.990
	Average	3.218	3.032	-0.186
	Min	1.980	0.990	-1.980
	Std Dev	0.572	0.920	0.743

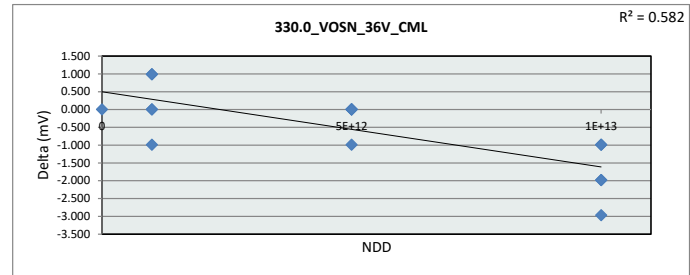


		320.3_VOSP_36V_CML		
Max Limit		20	mV	
Min Limit		-20	mV	
NDD	0	1E+12	5E+12	1E+13
LL	-20.000	-20.000	-20.000	-20.000
Min	1.980	2.970	0.990	2.970
Average	1.980	3.168	2.970	3.168
Max	1.980	3.960	4.951	3.960
UL	20.000	20.000	20.000	20.000

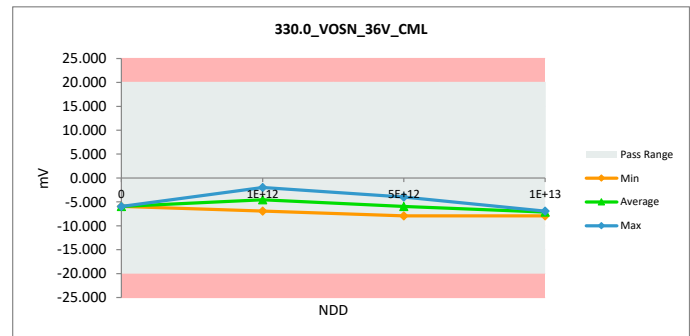


NDD Report TLV1704-SEP

330.0_VOSN_36V_CML				
Unit		mV		mV
Max Limit		20		20
Min Limit		-20		-20
NDD	Serial #	Pre	Post	Delta
1E+12	1	-5.941	-6.931	-0.990
1E+12	2	-2.970	-1.980	0.990
1E+12	3	-5.941	-4.951	0.990
1E+12	4	-3.960	-3.960	0.000
1E+12	5	-4.951	-4.951	0.000
5E+12	6	-5.941	-5.941	0.000
5E+12	7	-5.941	-5.941	0.000
5E+12	8	-5.941	-5.941	0.000
5E+12	9	-6.931	-7.921	-0.990
5E+12	10	-3.960	-3.960	0.000
1E+13	11	-4.951	-6.931	-1.980
1E+13	12	-5.941	-6.931	-0.990
1E+13	13	-3.960	-6.931	-2.970
1E+13	14	-5.941	-6.931	-0.990
1E+13	15	-5.941	-7.921	-1.980
0	c1	-5.941	-5.941	0.000
	Max	-2.970	-1.980	0.990
	Average	-5.322	-5.879	-0.557
	Min	-6.931	-7.921	-2.970
	Std Dev	1.077	1.595	1.083

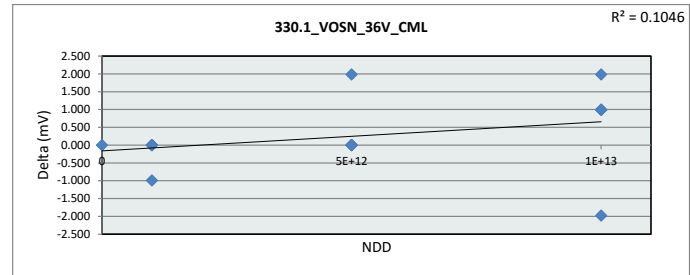


330.0_VOSN_36V_CML				
Max Limit		20		mV
Min Limit		-20		mV
NDD	0	1E+12	5E+12	1E+13
LL	-20.000	-20.000	-20.000	-20.000
Min	-5.941	-6.931	-7.921	-7.921
Average	-5.941	-4.554	-5.941	-7.129
Max	-5.941	-1.980	-3.960	-6.931
UL	20.000	20.000	20.000	20.000

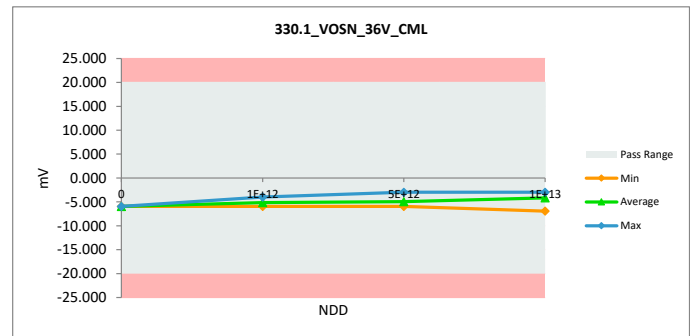


NDD Report TLV1704-SEP

330.1_VOSN_36V_CML				
Unit		mV	mV	
Max Limit		20	20	
Min Limit		-20	-20	
NDD	Serial #	Pre	Post	Delta
1E+12	1	-3.960	-3.960	0.000
1E+12	2	-4.951	-4.951	0.000
1E+12	3	-4.951	-4.951	0.000
1E+12	4	-4.951	-5.941	-0.990
1E+12	5	-5.941	-5.941	0.000
5E+12	6	-5.941	-5.941	0.000
5E+12	7	-4.951	-2.970	1.980
5E+12	8	-4.951	-4.951	0.000
5E+12	9	-5.941	-5.941	0.000
5E+12	10	-4.951	-4.951	0.000
1E+13	11	-4.951	-3.960	0.990
1E+13	12	-3.960	-2.970	0.990
1E+13	13	-5.941	-3.960	1.980
1E+13	14	-3.960	-2.970	0.990
1E+13	15	-4.951	-6.931	-1.980
0	c1	-5.941	-5.941	0.000
	Max	-3.960	-2.970	1.980
	Average	-5.074	-4.827	0.248
	Min	-5.941	-6.931	-1.980
	Std Dev	0.712	1.246	0.990

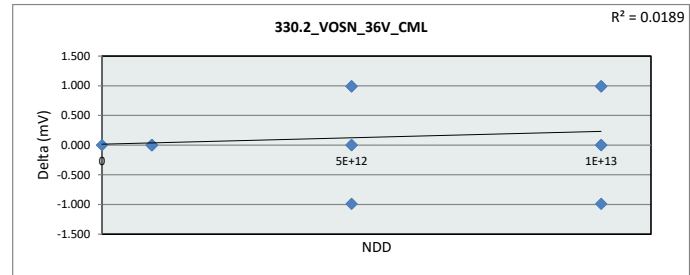


330.1_VOSN_36V_CML				
Max Limit	20	mV		
Min Limit	-20	mV		
NDD	0	1E+12	5E+12	1E+13
LL	-20.000	-20.000	-20.000	-20.000
Min	-5.941	-5.941	-5.941	-6.931
Average	-5.941	-5.149	-4.951	-4.158
Max	-5.941	-3.960	-2.970	-2.970
UL	20.000	20.000	20.000	20.000

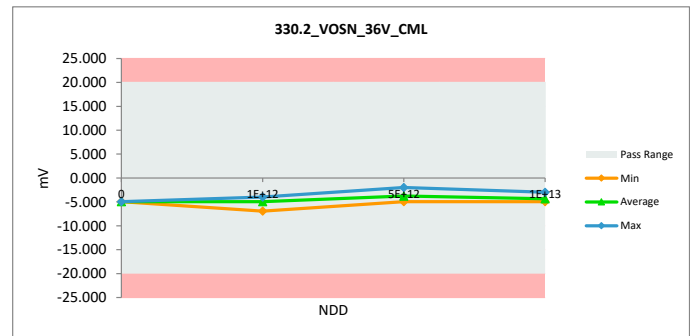


NDD Report
TLV1704-SEP

330.2_VOSN_36V_CML				
Unit		mV	mV	
Max Limit		20	20	
Min Limit		-20	-20	
NDD	Serial #	Pre	Post	Delta
1E+12	1	-4.951	-4.951	0.000
1E+12	2	-3.960	-3.960	0.000
1E+12	3	-3.960	-3.960	0.000
1E+12	4	-4.951	-4.951	0.000
1E+12	5	-6.931	-6.931	0.000
5E+12	6	-3.960	-3.960	0.000
5E+12	7	-3.960	-3.960	0.000
5E+12	8	-4.951	-3.960	0.990
5E+12	9	-3.960	-4.951	-0.990
5E+12	10	-2.970	-1.980	0.990
1E+13	11	-4.951	-4.951	0.000
1E+13	12	-3.960	-2.970	0.990
1E+13	13	-4.951	-3.960	0.990
1E+13	14	-3.960	-4.951	-0.990
1E+13	15	-4.951	-4.951	0.000
0	c1	-4.951	-4.951	0.000
	Max	-2.970	-1.980	0.990
	Average	-4.517	-4.394	0.124
	Min	-6.931	-6.931	-0.990
	Std Dev	0.883	1.083	0.613

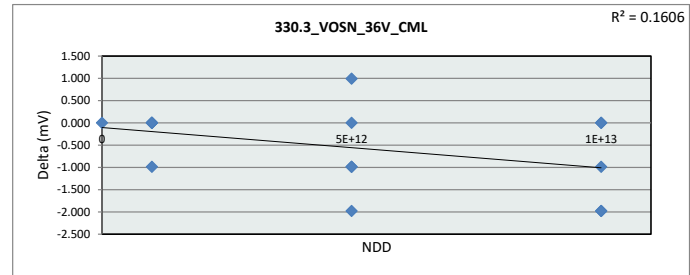


330.2_VOSN_36V_CML				
Max Limit	20	mV		
Min Limit	-20	mV		
NDD	0	1E+12	5E+12	1E+13
LL	-20.000	-20.000	-20.000	-20.000
Min	-4.951	-6.931	-4.951	-4.951
Average	-4.951	-4.951	-3.762	-4.356
Max	-4.951	-3.960	-1.980	-2.970
UL	20.000	20.000	20.000	20.000

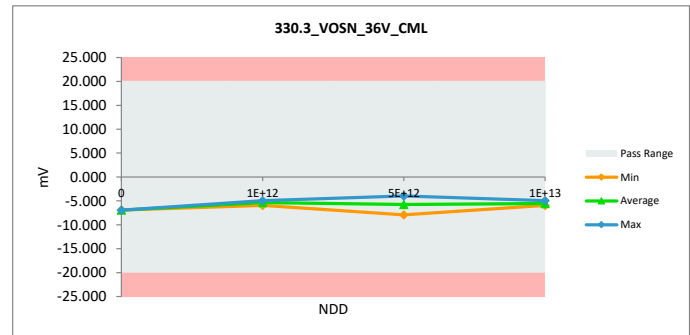


NDD Report
TLV1704-SEP

330.3_VOSN_36V_CML				
Unit		mV	mV	
Max Limit		20	20	
Min Limit		-20	-20	
NDD	Serial #	Pre	Post	Delta
1E+12	1	-4.951	-5.941	-0.990
1E+12	2	-4.951	-4.951	0.000
1E+12	3	-5.941	-5.941	0.000
1E+12	4	-4.951	-4.951	0.000
1E+12	5	-4.951	-4.951	0.000
5E+12	6	-4.951	-6.931	-1.980
5E+12	7	-3.960	-3.960	0.000
5E+12	8	-6.931	-7.921	-0.990
5E+12	9	-4.951	-3.960	0.990
5E+12	10	-4.951	-5.941	-0.990
1E+13	11	-3.960	-5.941	-1.980
1E+13	12	-4.951	-4.951	0.000
1E+13	13	-5.941	-5.941	0.000
1E+13	14	-3.960	-4.951	-0.990
1E+13	15	-3.960	-5.941	-1.980
0	c1	-6.931	-6.931	0.000
	Max	-3.960	-3.960	0.990
	Average	-5.074	-5.631	-0.557
	Min	-6.931	-7.921	-1.980
	Std Dev	0.948	1.068	0.883

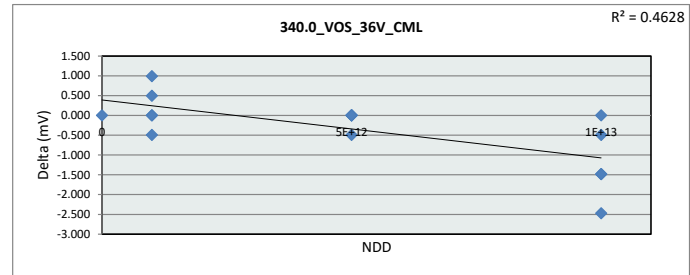


330.3_VOSN_36V_CML				
Max Limit	20	mV		
Min Limit	-20	mV		
NDD	0	1E+12	5E+12	1E+13
LL	-20.000	-20.000	-20.000	-20.000
Min	-6.931	-5.941	-7.921	-5.941
Average	-6.931	-5.347	-5.743	-5.545
Max	-6.931	-4.951	-3.960	-4.951
UL	20.000	20.000	20.000	20.000

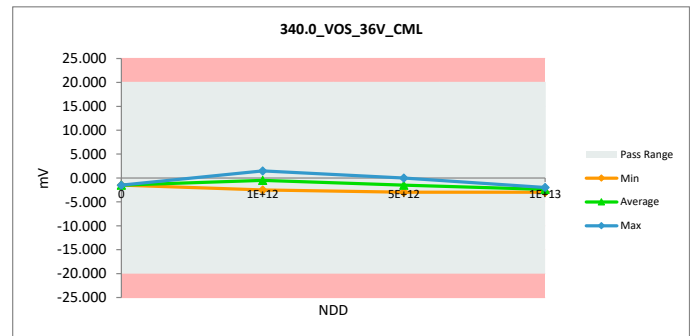


NDD Report
TLV1704-SEP

340.0_VOS_36V_CML				
Unit		mV	mV	
Max Limit		20	20	
Min Limit		-20	-20	
NDD	Serial #	Pre	Post	Delta
1E+12	1	-1.980	-2.475	-0.495
1E+12	2	0.990	1.485	0.495
1E+12	3	-1.485	-0.495	0.990
1E+12	4	0.000	0.000	0.000
1E+12	5	-0.990	-0.990	0.000
5E+12	6	-1.485	-1.485	0.000
5E+12	7	-1.485	-1.485	0.000
5E+12	8	-1.485	-1.485	0.000
5E+12	9	-2.475	-2.970	-0.495
5E+12	10	0.000	0.000	0.000
1E+13	11	-0.495	-1.980	-1.485
1E+13	12	-1.980	-2.475	-0.495
1E+13	13	0.000	-2.475	-2.475
1E+13	14	-1.980	-1.980	0.000
1E+13	15	-1.485	-2.970	-1.485
0	c1	-1.485	-1.485	0.000
Max		0.990	1.485	0.990
Average		-1.114	-1.454	-0.340
Min		-2.475	-2.970	-2.475
Std Dev		0.948	1.219	0.842

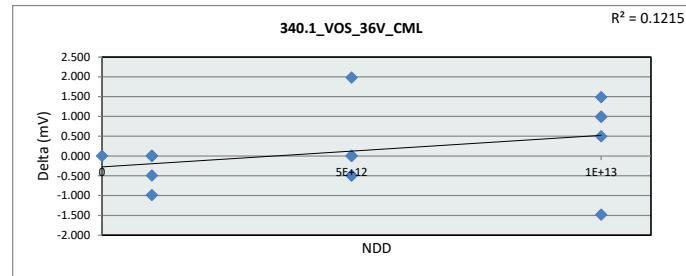


340.0_VOS_36V_CML				
Max Limit		20	mV	
Min Limit		-20	mV	
NDD	0	1E+12	5E+12	1E+13
LL	-20.000	-20.000	-20.000	-20.000
Min	-1.485	-2.475	-2.970	-2.970
Average	-1.485	-0.495	-1.485	-2.376
Max	-1.485	1.485	0.000	-1.980
UL	20.000	20.000	20.000	20.000

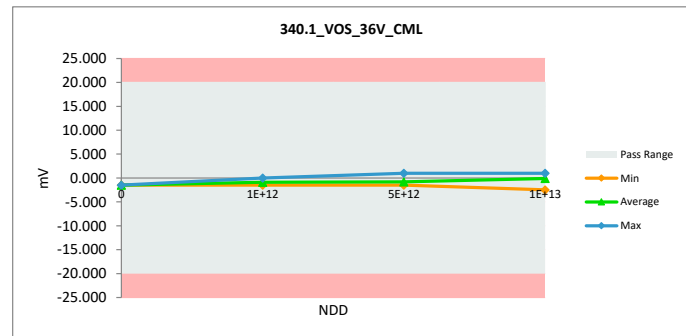


NDD Report
TLV1704-SEP

340.1_VOS_36V_CML				
Unit		mV	mV	
Max Limit		20	20	
Min Limit		-20	-20	
NDD	Serial #	Pre	Post	Delta
1E+12	1	0.000	0.000	0.000
1E+12	2	-0.495	-0.990	-0.495
1E+12	3	-0.495	-0.495	0.000
1E+12	4	-0.495	-1.485	-0.990
1E+12	5	-1.485	-1.485	0.000
5E+12	6	-1.485	-1.485	0.000
5E+12	7	-0.990	0.990	1.980
5E+12	8	-0.495	-0.990	-0.495
5E+12	9	-1.485	-1.485	0.000
5E+12	10	-0.495	-0.990	-0.495
1E+13	11	-0.495	0.000	0.495
1E+13	12	0.000	0.990	0.990
1E+13	13	-1.485	0.000	1.485
1E+13	14	0.000	0.990	0.990
1E+13	15	-0.990	-2.475	-1.485
0	c1	-1.485	-1.485	0.000
	Max	0.000	0.990	1.980
	Average	-0.773	-0.650	0.124
	Min	-1.485	-2.475	-1.485
	Std Dev	0.571	1.050	0.895

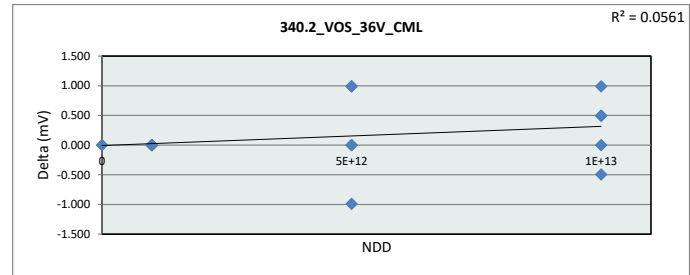


340.1_VOS_36V_CML				
Max Limit	20	mV		
Min Limit	-20	mV		
NDD	0	1E+12	5E+12	1E+13
LL	-20.000	-20.000	-20.000	-20.000
Min	-1.485	-1.485	-1.485	-2.475
Average	-1.485	-0.891	-0.792	-0.099
Max	-1.485	0.000	0.990	0.990
UL	20.000	20.000	20.000	20.000

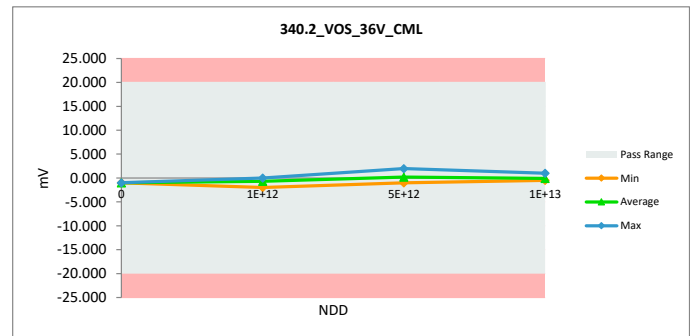


NDD Report
TLV1704-SEP

		340.2_VOS_36V_CML		
Unit		mV	mV	
Max Limit		20	20	
Min Limit		-20	-20	
NDD	Serial #	Pre	Post	Delta
1E+12	1	-0.990	-0.990	0.000
1E+12	2	0.000	0.000	0.000
1E+12	3	0.000	0.000	0.000
1E+12	4	-0.495	-0.495	0.000
1E+12	5	-1.980	-1.980	0.000
5E+12	6	0.000	0.000	0.000
5E+12	7	0.000	0.000	0.000
5E+12	8	-0.990	0.000	0.990
5E+12	9	0.000	-0.990	-0.990
5E+12	10	0.990	1.980	0.990
1E+13	11	-0.495	-0.495	0.000
1E+13	12	0.000	0.990	0.990
1E+13	13	-0.495	0.000	0.495
1E+13	14	0.000	-0.495	-0.495
1E+13	15	-0.990	-0.495	0.495
0	c1	-0.990	-0.990	0.000
	Max	0.990	1.980	0.990
	Average	-0.402	-0.248	0.155
	Min	-1.980	-1.980	-0.990
	Std Dev	0.682	0.886	0.534

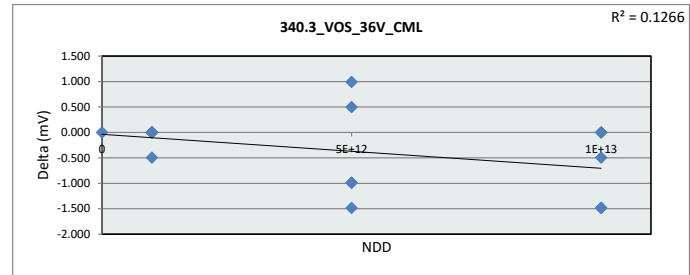


		340.2_VOS_36V_CML			
Max Limit		20	mV		
Min Limit		-20	mV		
NDD	0	1E+12	5E+12	1E+13	
LL	-20.000	-20.000	-20.000	-20.000	
Min	-0.990	-1.980	-0.990	-0.495	
Average	-0.990	-0.693	0.198	-0.099	
Max	-0.990	0.000	1.980	0.990	
UL	20.000	20.000	20.000	20.000	

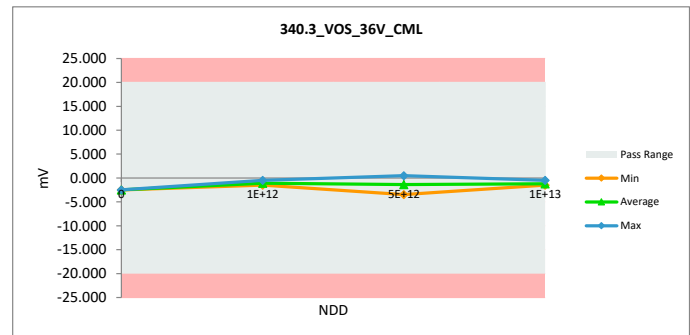


NDD Report
TLV1704-SEP

340.3_VOS_36V_CML				
Unit		mV	mV	
Max Limit		20	20	
Min Limit		-20	-20	
NDD	Serial #	Pre	Post	Delta
1E+12	1	-0.990	-1.485	-0.495
1E+12	2	-0.990	-0.990	0.000
1E+12	3	-1.485	-1.485	0.000
1E+12	4	-0.495	-0.495	0.000
1E+12	5	-0.990	-0.990	0.000
5E+12	6	-0.990	-1.980	-0.990
5E+12	7	0.000	0.495	0.495
5E+12	8	-1.980	-3.465	-1.485
5E+12	9	-0.990	0.000	0.990
5E+12	10	-0.990	-1.980	-0.990
1E+13	11	0.000	-1.485	-1.485
1E+13	12	-0.990	-0.990	0.000
1E+13	13	-1.485	-1.485	0.000
1E+13	14	0.000	-0.495	-0.495
1E+13	15	0.000	-1.485	-1.485
0	c1	-2.475	-2.475	0.000
	Max	0.000	0.495	0.990
	Average	-0.928	-1.299	-0.371
	Min	-2.475	-3.465	-1.485
	Std Dev	0.720	0.954	0.734



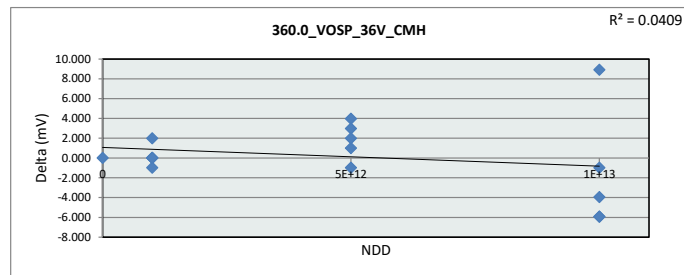
340.3_VOS_36V_CML				
Max Limit	20	mV		
Min Limit	-20	mV		
NDD	0	1E+12	5E+12	1E+13
LL	-20.000	-20.000	-20.000	-20.000
Min	-2.475	-1.485	-3.465	-1.485
Average	-2.475	-1.089	-1.386	-1.188
Max	-2.475	-0.495	0.495	-0.495
UL	20.000	20.000	20.000	20.000



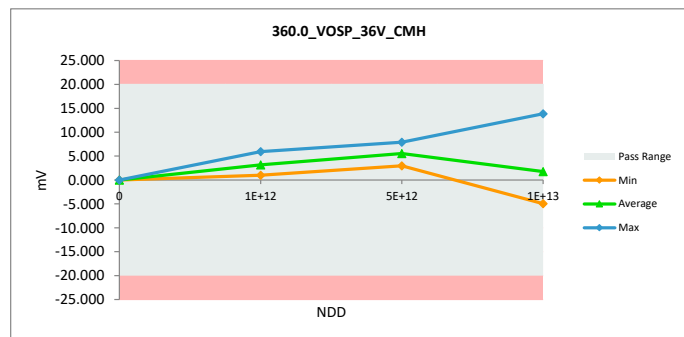
NDD Report

TLV1704-SEP

360.0_VOSP_36V_CMH				
Unit		mV	mV	
Max Limit		20	20	
Min Limit		-20	-20	
NDD	Serial #	Pre	Post	Delta
1E+12	1	1.980	1.980	0.000
1E+12	2	1.980	0.990	-0.990
1E+12	3	2.970	4.951	1.980
1E+12	4	5.941	5.941	0.000
1E+12	5	1.980	1.980	0.000
5E+12	6	3.960	4.951	0.990
5E+12	7	3.960	2.970	-0.990
5E+12	8	3.960	7.921	3.960
5E+12	9	2.970	5.941	2.970
5E+12	10	3.960	5.941	1.980
1E+13	11	3.960	2.970	-0.990
1E+13	12	4.951	-0.990	-5.941
1E+13	13	4.951	13.861	8.911
1E+13	14	0.990	-4.951	-5.941
1E+13	15	1.980	-1.980	-3.960
0	c1	0.000	0.000	0.000
	Max	5.941	13.861	8.911
	Average	3.156	3.280	0.124
	Min	0.000	-4.951	-5.941
	Std Dev	1.585	4.424	3.667

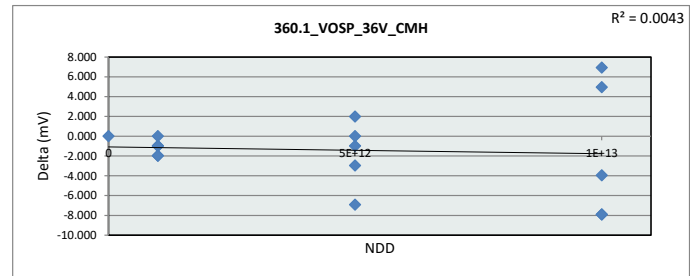


360.0_VOSP_36V_CMH				
Max Limit	20	mV		
Min Limit	-20	mV		
NDD	0	1E+12	5E+12	1E+13
LL	-20.000	-20.000	-20.000	-20.000
Min	0.000	0.990	2.970	-4.951
Average	0.000	3.168	5.545	1.782
Max	0.000	5.941	7.921	13.861
UL	20.000	20.000	20.000	20.000

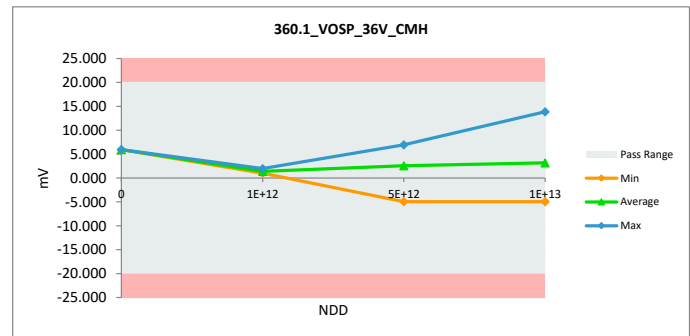


NDD Report TLV1704-SEP

360.1_VOSP_36V_CMH				
Unit		mV		mV
Max Limit		20		20
Min Limit		-20		-20
NDD	Serial #	Pre	Post	Delta
1E+12	1	2.970	1.980	-0.990
1E+12	2	0.000	0.000	0.000
1E+12	3	2.970	1.980	-0.990
1E+12	4	3.960	1.980	-1.980
1E+12	5	2.970	0.990	-1.980
5E+12	6	5.941	2.970	-2.970
5E+12	7	5.941	4.951	-0.990
5E+12	8	1.980	-4.951	-6.931
5E+12	9	4.951	6.931	1.980
5E+12	10	2.970	2.970	0.000
1E+13	11	4.951	0.990	-3.960
1E+13	12	4.951	9.901	4.951
1E+13	13	6.931	13.861	6.931
1E+13	14	3.960	-3.960	-7.921
1E+13	15	2.970	-4.951	-7.921
0	c1	5.941	5.941	0.000
	Max	6.931	13.861	6.931
	Average	4.022	2.599	-1.423
	Min	0.000	-4.951	-7.921
	Std Dev	1.788	5.073	4.106

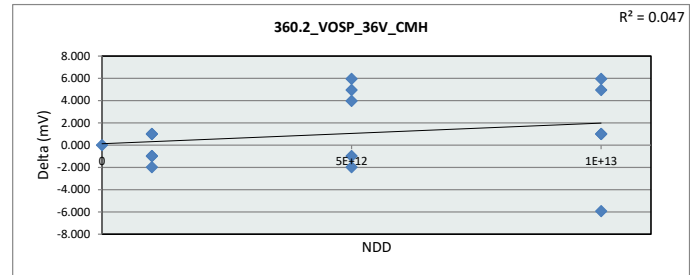


360.1_VOSP_36V_CMH				
Max Limit		20		mV
Min Limit		-20		mV
NDD	0	1E+12	5E+12	1E+13
LL	-20.000	-20.000	-20.000	-20.000
Min	5.941	0.990	-4.951	-4.951
Average	5.941	1.386	2.574	3.168
Max	5.941	1.980	6.931	13.861
UL	20.000	20.000	20.000	20.000

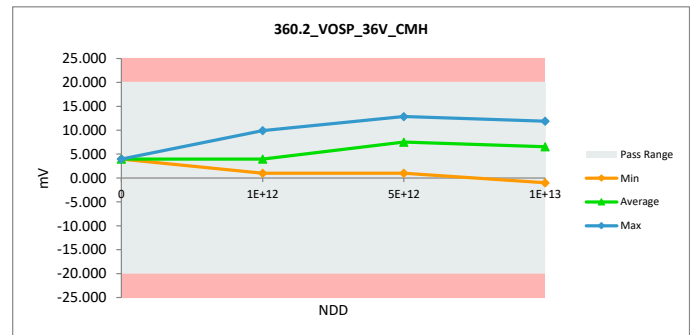


NDD Report
TLV1704-SEP

		360.2_VOSP_36V_CMH		
Unit		mV		mV
Max Limit		20		20
Min Limit		-20		-20
NDD	Serial #	Pre	Post	Delta
1E+12	1	3.960	4.951	0.990
1E+12	2	8.911	9.901	0.990
1E+12	3	3.960	1.980	-1.980
1E+12	4	1.980	0.990	-0.990
1E+12	5	2.970	1.980	-0.990
5E+12	6	6.931	12.871	5.941
5E+12	7	5.941	4.951	-0.990
5E+12	8	2.970	0.990	-1.980
5E+12	9	4.951	9.901	4.951
5E+12	10	4.951	8.911	3.960
1E+13	11	1.980	2.970	0.990
1E+13	12	6.931	7.921	0.990
1E+13	13	5.941	11.881	5.941
1E+13	14	5.941	10.891	4.951
1E+13	15	4.951	-0.990	-5.941
0	c1	3.960	3.960	0.000
Max		8.911	12.871	5.941
Average		4.827	5.879	1.052
Min		1.980	-0.990	-5.941
Std Dev		1.909	4.435	3.342

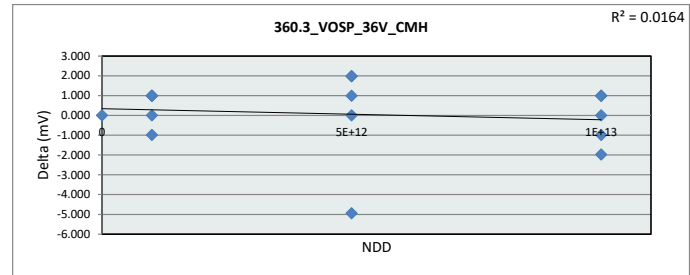


		360.2_VOSP_36V_CMH			
Max Limit		20		mV	
Min Limit		-20		mV	
NDD	0	1E+12	5E+12	1E+13	
LL	-20.000	-20.000	-20.000	-20.000	
Min	3.960	0.990	0.990	-0.990	
Average	3.960	3.960	7.525	6.535	
Max	3.960	9.901	12.871	11.881	
UL	20.000	20.000	20.000	20.000	

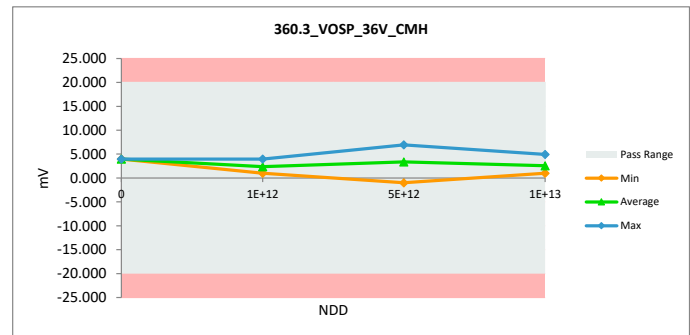


NDD Report
TLV1704-SEP

360.3_VOSP_36V_CMH				
Unit		mV	mV	
Max Limit		20	20	
Min Limit		-20	-20	
NDD	Serial #	Pre	Post	Delta
1E+12	1	3.960	3.960	0.000
1E+12	2	1.980	0.990	-0.990
1E+12	3	0.990	1.980	0.990
1E+12	4	0.990	1.980	0.990
1E+12	5	1.980	2.970	0.990
5E+12	6	4.951	6.931	1.980
5E+12	7	2.970	4.951	1.980
5E+12	8	0.990	1.980	0.990
5E+12	9	3.960	3.960	0.000
5E+12	10	3.960	-0.990	-4.951
1E+13	11	3.960	4.951	0.990
1E+13	12	2.970	0.990	-1.980
1E+13	13	1.980	0.990	-0.990
1E+13	14	3.960	4.951	0.990
1E+13	15	0.990	0.990	0.000
0	c1	3.960	3.960	0.000
	Max	4.951	6.931	1.980
	Average	2.785	2.847	0.062
	Min	0.990	-0.990	-4.951
	Std Dev	1.363	2.073	1.714

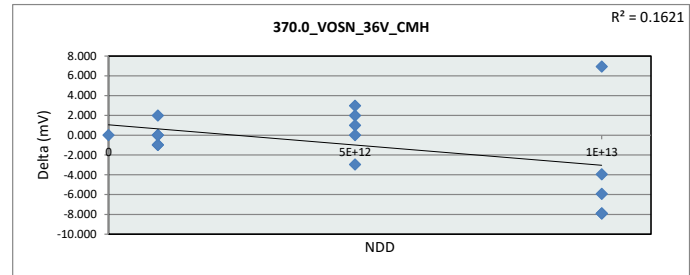


360.3_VOSP_36V_CMH				
Max Limit	20	mV		
Min Limit	-20	mV		
NDD	0	1E+12	5E+12	1E+13
LL	-20.000	-20.000	-20.000	-20.000
Min	3.960	0.990	-0.990	0.990
Average	3.960	2.376	3.366	2.574
Max	3.960	3.960	6.931	4.951
UL	20.000	20.000	20.000	20.000

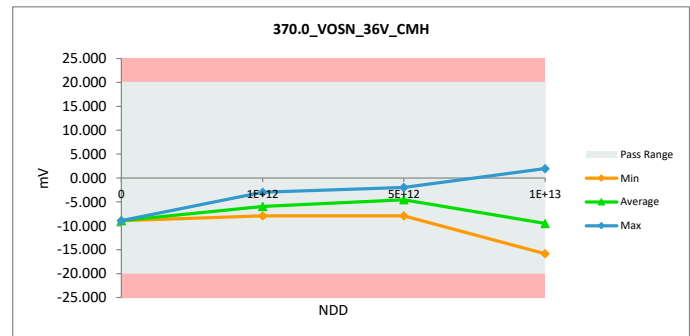


NDD Report
TLV1704-SEP

370.0_VOSN_36V_CMH				
Unit		mV		mV
Max Limit		20		20
Min Limit		-20		-20
NDD	Serial #	Pre	Post	Delta
1E+12	1	-6.931	-7.921	-0.990
1E+12	2	-6.931	-7.921	-0.990
1E+12	3	-5.941	-3.960	1.980
1E+12	4	-2.970	-2.970	0.000
1E+12	5	-6.931	-6.931	0.000
5E+12	6	-4.951	-4.951	0.000
5E+12	7	-4.951	-7.921	-2.970
5E+12	8	-4.951	-1.980	2.970
5E+12	9	-5.941	-3.960	1.980
5E+12	10	-4.951	-3.960	0.990
1E+13	11	-4.951	-8.911	-3.960
1E+13	12	-3.960	-11.881	-7.921
1E+13	13	-4.951	1.980	6.931
1E+13	14	-7.921	-15.842	-7.921
1E+13	15	-6.931	-12.871	-5.941
0	c1	-8.911	-8.911	0.000
	Max	-2.970	1.980	6.931
	Average	-5.817	-6.807	-0.990
	Min	-8.911	-15.842	-7.921
	Std Dev	1.529	4.470	3.977

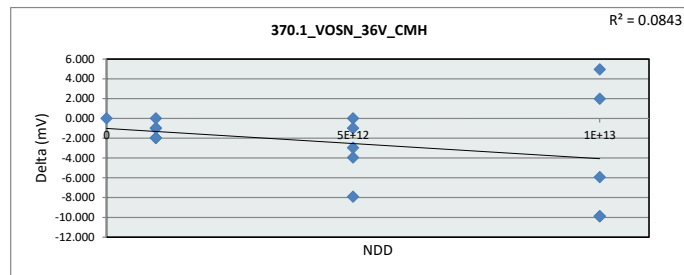


370.0_VOSN_36V_CMH				
Max Limit		20		mV
Min Limit		-20		mV
NDD	0	1E+12	5E+12	1E+13
LL	-20.000	-20.000	-20.000	-20.000
Min	-8.911	-7.921	-7.921	-15.842
Average	-8.911	-5.941	-4.554	-9.505
Max	-8.911	-2.970	-1.980	1.980
UL	20.000	20.000	20.000	20.000

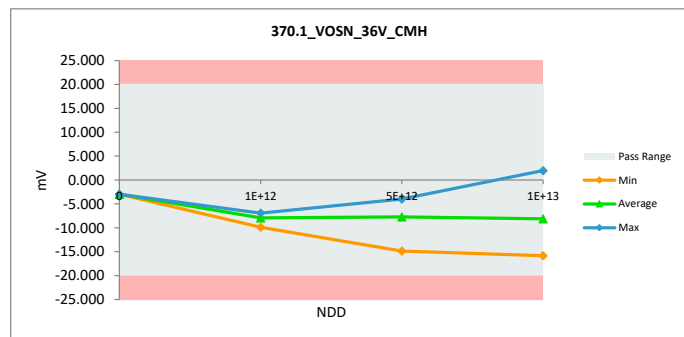


NDD Report TLV1704-SEP

370.1_VOSN_36V_CMH				
Unit		mV		mV
Max Limit		20		20
Min Limit		-20		-20
NDD	Serial #	Pre	Post	Delta
1E+12	1	-5.941	-6.931	-0.990
1E+12	2	-8.911	-9.901	-0.990
1E+12	3	-6.931	-6.931	0.000
1E+12	4	-4.951	-6.931	-1.980
1E+12	5	-6.931	-8.911	-1.980
5E+12	6	-2.970	-6.931	-3.960
5E+12	7	-2.970	-5.941	-2.970
5E+12	8	-6.931	-14.851	-7.921
5E+12	9	-3.960	-3.960	0.000
5E+12	10	-5.941	-6.931	-0.990
1E+13	11	-3.960	-9.901	-5.941
1E+13	12	-3.960	-1.980	1.980
1E+13	13	-2.970	1.980	4.951
1E+13	14	-4.951	-14.851	-9.901
1E+13	15	-5.941	-15.842	-9.901
0	c1	-2.970	-2.970	0.000
Max		-2.970	1.980	4.951
Average		-5.074	-7.611	-2.537
Min		-8.911	-15.842	-9.901
Std Dev		1.803	4.820	4.122

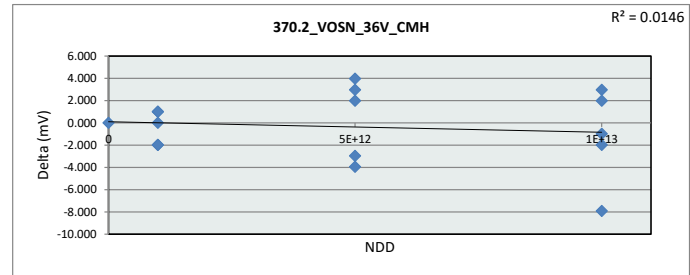


370.1_VOSN_36V_CMH				
Max Limit		20		mV
Min Limit		-20		mV
NDD	0	1E+12	5E+12	1E+13
LL	-20.000	-20.000	-20.000	-20.000
Min	-2.970	-9.901	-14.852	-15.842
Average	-2.970	-7.921	-7.723	-8.119
Max	-2.970	-6.931	-3.960	1.980
UL	20.000	20.000	20.000	20.000

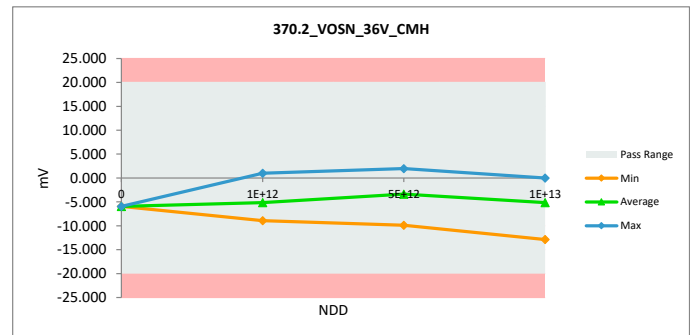


NDD Report
TLV1704-SEP

370.2_VOSN_36V_CMH				
Unit		mV		mV
Max Limit		20		20
Min Limit		-20		-20
NDD	Serial #	Pre	Post	Delta
1E+12	1	-4.951	-3.960	0.990
1E+12	2	0.000	0.990	0.990
1E+12	3	-4.951	-6.931	-1.980
1E+12	4	-6.931	-8.911	-1.980
1E+12	5	-6.931	-6.931	0.000
5E+12	6	-1.980	1.980	3.960
5E+12	7	-2.970	-5.941	-2.970
5E+12	8	-5.941	-9.901	-3.960
5E+12	9	-3.960	-0.990	2.970
5E+12	10	-3.960	-1.980	1.980
1E+13	11	-6.931	-7.921	-0.990
1E+13	12	-1.980	-3.960	-1.980
1E+13	13	-2.970	0.000	2.970
1E+13	14	-2.970	-0.990	1.980
1E+13	15	-4.951	-12.871	-7.921
0	c1	-5.941	-5.941	0.000
	Max	0.000	1.980	3.960
	Average	-4.270	-4.641	-0.371
	Min	-6.931	-12.871	-7.921
	Std Dev	2.036	4.243	3.065

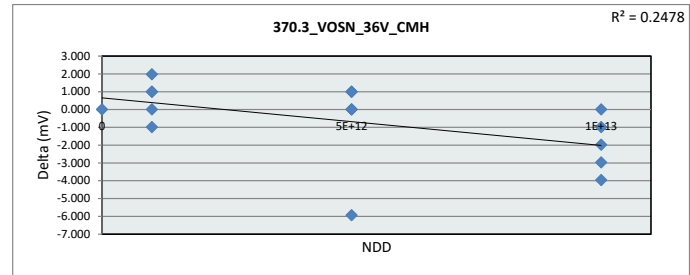


370.2_VOSN_36V_CMH				
Max Limit		20		mV
Min Limit		-20		mV
NDD	0	1E+12	5E+12	1E+13
LL	-20.000	-20.000	-20.000	-20.000
Min	-5.941	-8.911	-9.901	-12.871
Average	-5.941	-5.149	-3.366	-5.149
Max	-5.941	0.990	1.980	0.000
UL	20.000	20.000	20.000	20.000

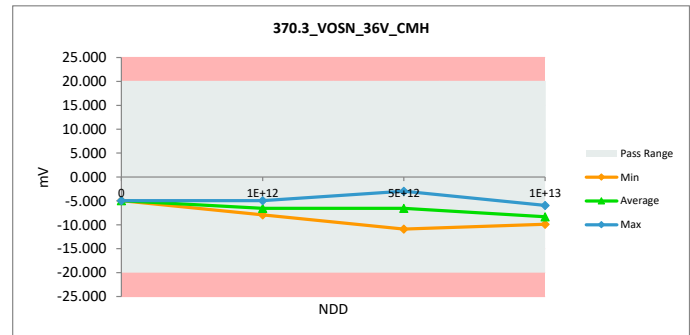


NDD Report
TLV1704-SEP

370.3_VOSN_36V_CMH				
Unit		mV		mV
Max Limit		20		20
Min Limit		-20		-20
NDD	Serial #	Pre	Post	Delta
1E+12	1	-4.951	-4.951	0.000
1E+12	2	-6.931	-7.921	-0.990
1E+12	3	-7.921	-6.931	0.990
1E+12	4	-7.921	-6.931	0.990
1E+12	5	-7.921	-5.941	1.980
5E+12	6	-3.960	-2.970	0.990
5E+12	7	-5.941	-4.951	0.990
5E+12	8	-7.921	-7.921	0.000
5E+12	9	-5.941	-5.941	0.000
5E+12	10	-4.951	-10.891	-5.941
1E+13	11	-5.941	-5.941	0.000
1E+13	12	-5.941	-9.901	-3.960
1E+13	13	-6.931	-9.901	-2.970
1E+13	14	-4.951	-5.941	-0.990
1E+13	15	-7.921	-9.901	-1.980
0	c1	-4.951	-4.951	0.000
	Max	-3.960	-2.970	1.980
	Average	-6.312	-6.993	-0.681
	Min	-7.921	-10.891	-5.941
	Std Dev	1.347	2.242	2.099

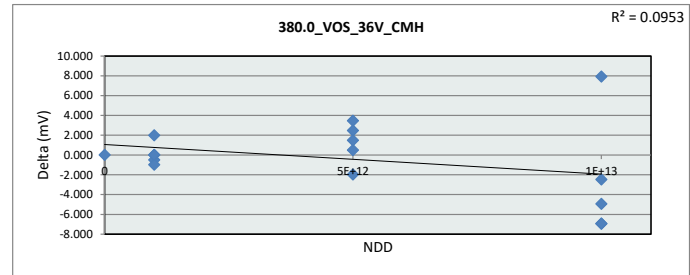


370.3_VOSN_36V_CMH				
Max Limit		20		mV
Min Limit		-20		mV
NDD	0	1E+12	5E+12	1E+13
LL	-20.000	-20.000	-20.000	-20.000
Min	-4.951	-7.921	-10.891	-9.901
Average	-4.951	-6.535	-6.535	-8.317
Max	-4.951	-4.951	-2.970	-5.941
UL	20.000	20.000	20.000	20.000

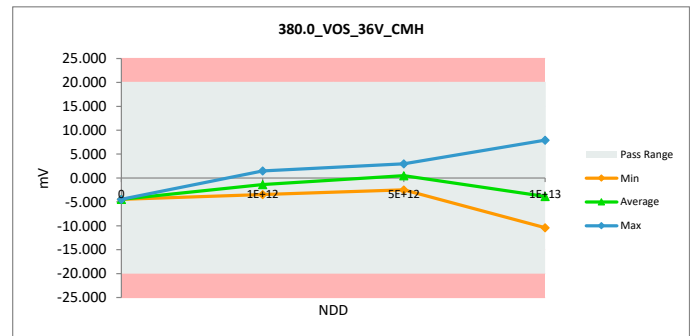


NDD Report TLV1704-SEP

380.0_VOS_36V_CMH				
Unit		mV	mV	
Max Limit		20	20	
Min Limit		-20	-20	
NDD	Serial #	Pre	Post	Delta
1E+12	1	-2.475	-2.970	-0.495
1E+12	2	-2.475	-3.465	-0.990
1E+12	3	-1.485	0.495	1.980
1E+12	4	1.485	1.485	0.000
1E+12	5	-2.475	-2.475	0.000
5E+12	6	-0.495	0.000	0.495
5E+12	7	-0.495	-2.475	-1.980
5E+12	8	-0.495	2.970	3.465
5E+12	9	-1.485	0.990	2.475
5E+12	10	-0.495	0.990	1.485
1E+13	11	-0.495	-2.970	-2.475
1E+13	12	0.495	-6.436	-6.931
1E+13	13	0.000	7.921	7.921
1E+13	14	-3.465	-10.396	-6.931
1E+13	15	-2.475	-7.426	-4.951
0	c1	-4.455	-4.455	0.000
	Max	1.485	7.921	7.921
	Average	-1.330	-1.764	-0.433
	Min	-4.455	-10.396	-6.931
	Std Dev	1.552	4.417	3.796

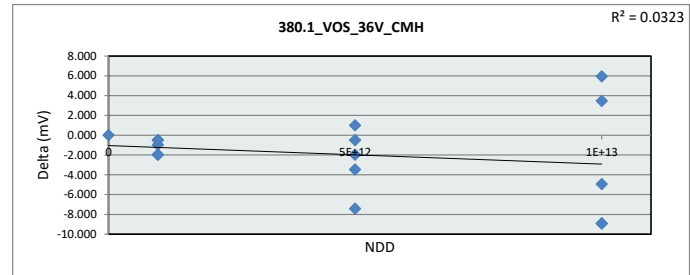


380.0_VOS_36V_CMH				
Max Limit	20	mV		
Min Limit	-20	mV		
NDD	0	1E+12	5E+12	1E+13
LL	-20.000	-20.000	-20.000	-20.000
Min	-4.455	-3.465	-2.475	-10.396
Average	-4.455	-1.386	0.495	-3.861
Max	-4.455	1.485	2.970	7.921
UL	20.000	20.000	20.000	20.000

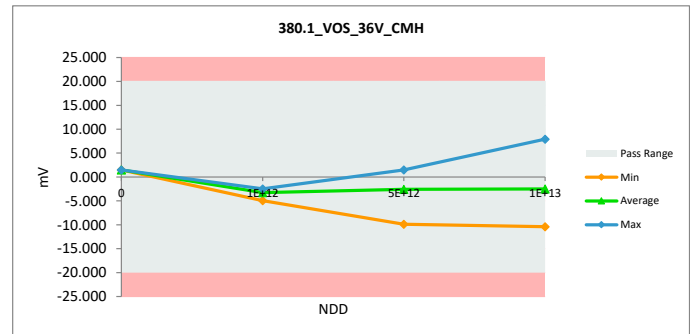


NDD Report
TLV1704-SEP

380.1_VOS_36V_CMH				
Unit		mV	mV	
Max Limit		20	20	
Min Limit		-20	-20	
NDD	Serial #	Pre	Post	Delta
1E+12	1	-1.485	-2.475	-0.990
1E+12	2	-4.455	-4.951	-0.495
1E+12	3	-1.980	-2.475	-0.495
1E+12	4	-0.495	-2.475	-1.980
1E+12	5	-1.980	-3.960	-1.980
5E+12	6	1.485	-1.980	-3.465
5E+12	7	1.485	-0.495	-1.980
5E+12	8	-2.475	-9.901	-7.426
5E+12	9	0.495	1.485	0.990
5E+12	10	-1.485	-1.980	-0.495
1E+13	11	0.495	-4.455	-4.950
1E+13	12	0.495	3.960	3.465
1E+13	13	1.980	7.921	5.941
1E+13	14	-0.495	-9.406	-8.911
1E+13	15	-1.485	-10.396	-8.911
0	c1	1.485	1.485	0.000
Max		1.980	7.921	5.941
Average		-0.526	-2.506	-1.980
Min		-4.455	-10.396	-8.911
Std Dev		1.785	4.922	4.078

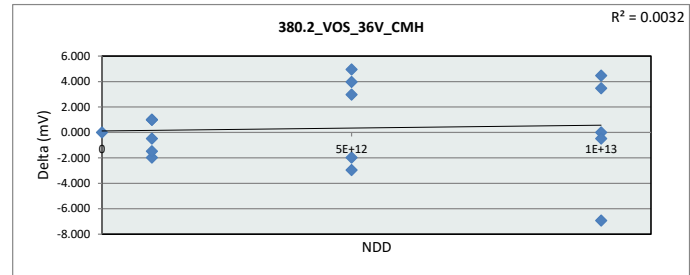


380.1_VOS_36V_CMH				
Max Limit		20	mV	
Min Limit		-20	mV	
NDD	0	1E+12	5E+12	1E+13
LL	-20.000	-20.000	-20.000	-20.000
Min	1.485	-4.951	-9.901	-10.396
Average	1.485	-3.267	-2.574	-2.475
Max	1.485	-2.475	1.485	7.921
UL	20.000	20.000	20.000	20.000

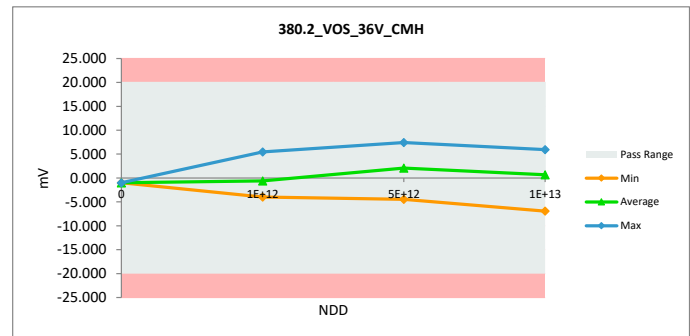


NDD Report
TLV1704-SEP

380.2_VOS_36V_CMH				
Unit		mV	mV	
Max Limit		20	20	
Min Limit		-20	-20	
NDD	Serial #	Pre	Post	Delta
1E+12	1	-0.495	0.495	0.990
1E+12	2	4.455	5.445	0.990
1E+12	3	-0.495	-2.475	-1.980
1E+12	4	-2.475	-3.960	-1.485
1E+12	5	-1.980	-2.475	-0.495
5E+12	6	2.475	7.426	4.951
5E+12	7	1.485	-0.495	-1.980
5E+12	8	-1.485	-4.455	-2.970
5E+12	9	0.495	4.455	3.960
5E+12	10	0.495	3.465	2.970
1E+13	11	-2.475	-2.475	0.000
1E+13	12	2.475	1.980	-0.495
1E+13	13	1.485	5.941	4.455
1E+13	14	1.485	4.951	3.465
1E+13	15	0.000	-6.931	-6.931
0	c1	-0.990	-0.990	0.000
	Max	4.455	7.426	4.951
	Average	0.278	0.619	0.340
	Min	-2.475	-6.931	-6.931
	Std Dev	1.963	4.302	3.145

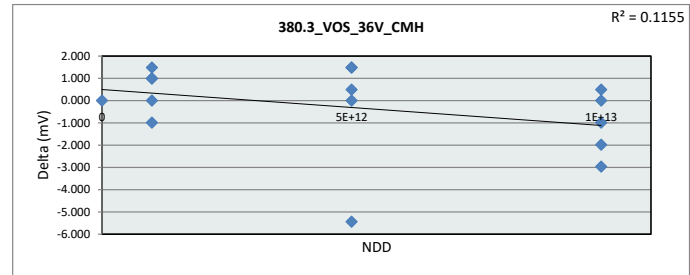


380.2_VOS_36V_CMH				
Max Limit	20	mV		
Min Limit	-20	mV		
NDD	0	1E+12	5E+12	1E+13
LL	-20.000	-20.000	-20.000	-20.000
Min	-0.990	-3.960	-4.455	-6.931
Average	-0.990	-0.594	2.079	0.693
Max	-0.990	5.446	7.426	5.941
UL	20.000	20.000	20.000	20.000

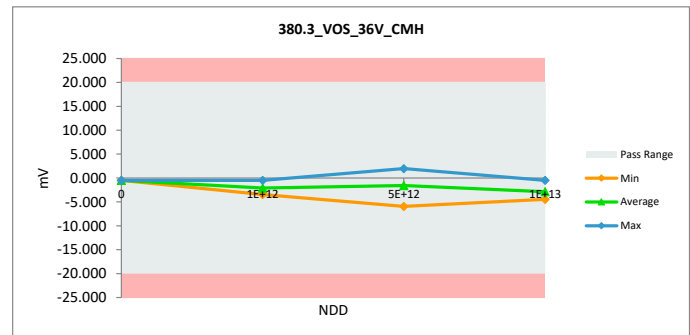


NDD Report
TLV1704-SEP

380.3_VOS_36V_CMH				
Unit		mV	mV	
Max Limit		20	20	
Min Limit		-20	-20	
NDD	Serial #	Pre	Post	Delta
1E+12	1	-0.495	-0.495	0.000
1E+12	2	-2.475	-3.465	-0.990
1E+12	3	-3.465	-2.475	0.990
1E+12	4	-3.465	-2.475	0.990
1E+12	5	-2.970	-1.485	1.485
5E+12	6	0.495	1.980	1.485
5E+12	7	-1.485	0.000	1.485
5E+12	8	-3.465	-2.970	0.495
5E+12	9	-0.990	-0.990	0.000
5E+12	10	-0.495	-5.941	-5.446
1E+13	11	-0.990	-0.495	0.495
1E+13	12	-1.485	-4.455	-2.970
1E+13	13	-2.475	-4.455	-1.980
1E+13	14	-0.495	-0.495	0.000
1E+13	15	-3.465	-4.455	-0.990
0	c1	-0.495	-0.495	0.000
	Max	0.495	1.980	1.485
	Average	-1.764	-2.073	-0.309
	Min	-3.465	-5.941	-5.446
	Std Dev	1.340	2.118	1.860

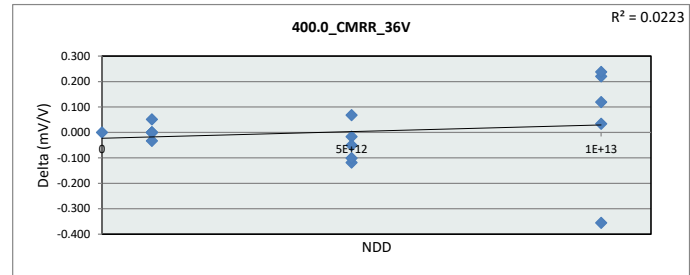


380.3_VOS_36V_CMH				
Max Limit	20	mV		
Min Limit	-20	mV		
NDD	0	1E+12	5E+12	1E+13
LL	-20.000	-20.000	-20.000	-20.000
Min	-0.495	-3.465	-5.941	-4.455
Average	-0.495	-2.079	-1.584	-2.871
Max	-0.495	-0.495	1.980	-0.495
UL	20.000	20.000	20.000	20.000

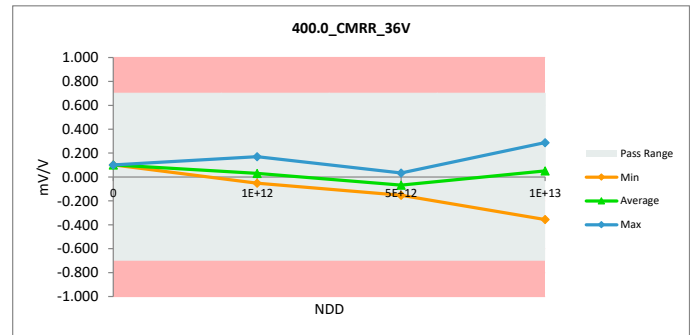


NDD Report
TLV1704-SEP

400.0_CMRR_36V				
Unit		mV/V	mV/V	
Max Limit		0.7	0.7	
Min Limit		-0.7	-0.7	
NDD	Serial #	Pre	Post	Delta
1E+12	1	0.017	0.017	0.000
1E+12	2	0.119	0.169	0.051
1E+12	3	0.000	-0.034	-0.034
1E+12	4	-0.051	-0.051	0.000
1E+12	5	0.051	0.051	0.000
5E+12	6	-0.034	-0.051	-0.017
5E+12	7	-0.034	0.034	0.068
5E+12	8	-0.034	-0.153	-0.119
5E+12	9	-0.034	-0.136	-0.102
5E+12	10	0.017	-0.034	-0.051
1E+13	11	0.000	0.034	0.034
1E+13	12	-0.085	0.136	0.220
1E+13	13	0.000	-0.356	-0.356
1E+13	14	0.051	0.288	0.237
1E+13	15	0.034	0.153	0.119
0	c1	0.102	0.102	0.000
	Max	0.119	0.288	0.237
	Average	0.007	0.011	0.003
	Min	-0.085	-0.356	-0.356
	Std Dev	0.055	0.151	0.137

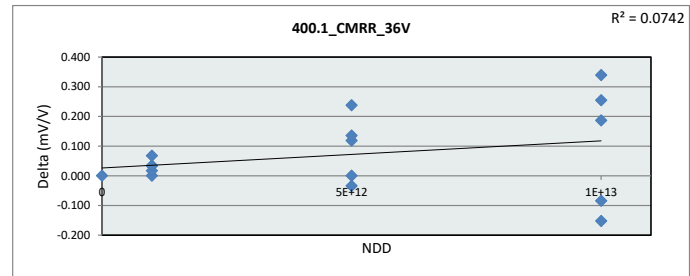


400.0_CMRR_36V				
Max Limit	0.7	mV/V		
Min Limit	-0.7	mV/V		
NDD	0	1E+12	5E+12	1E+13
LL	-0.700	-0.700	-0.700	-0.700
Min	0.102	-0.051	-0.153	-0.356
Average	0.102	0.031	-0.068	0.051
Max	0.102	0.170	0.034	0.288
UL	0.700	0.700	0.700	0.700

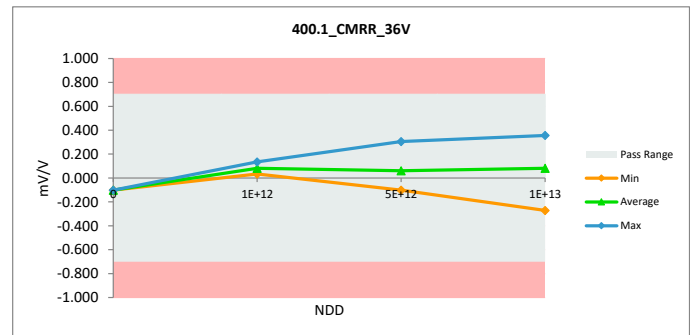


NDD Report
TLV1704-SEP

400.1_CMRR_36V				
Unit		mV/V	mV/V	
Max Limit		0.7	0.7	
Min Limit		-0.7	-0.7	
NDD	Serial #	Pre	Post	Delta
1E+12	1	0.051	0.085	0.034
1E+12	2	0.136	0.136	0.000
1E+12	3	0.051	0.068	0.017
1E+12	4	0.000	0.034	0.034
1E+12	5	0.017	0.085	0.068
5E+12	6	-0.102	0.017	0.119
5E+12	7	-0.085	0.051	0.136
5E+12	8	0.068	0.305	0.237
5E+12	9	-0.068	-0.102	-0.034
5E+12	10	0.034	0.034	0.000
1E+13	11	-0.034	0.153	0.187
1E+13	12	-0.017	-0.102	-0.085
1E+13	13	-0.119	-0.271	-0.153
1E+13	14	0.017	0.356	0.339
1E+13	15	0.017	0.271	0.254
0	c1	-0.102	-0.102	0.000
	Max	0.136	0.356	0.339
	Average	-0.008	0.064	0.072
	Min	-0.119	-0.271	-0.153
	Std Dev	0.072	0.163	0.131

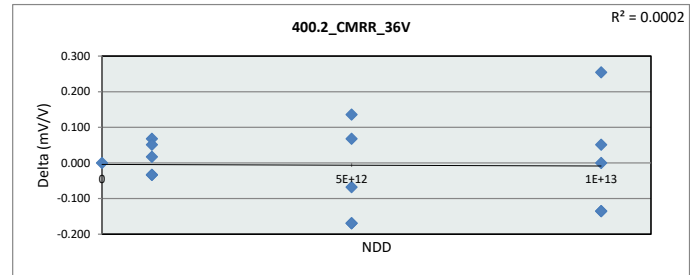


400.1_CMRR_36V				
Max Limit	0.7	mV/V		
Min Limit	-0.7	mV/V		
NDD	0	1E+12	5E+12	1E+13
LL	-0.700	-0.700	-0.700	-0.700
Min	-0.102	0.034	-0.102	-0.271
Average	-0.102	0.081	0.061	0.081
Max	-0.102	0.136	0.305	0.356
UL	0.700	0.700	0.700	0.700

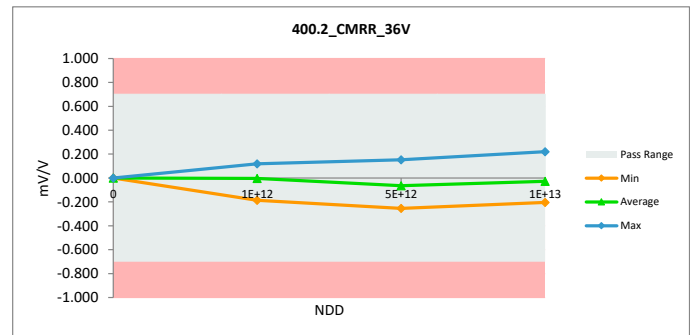


NDD Report
TLV1704-SEP

400.2_CMRR_36V				
Unit		mV/V	mV/V	
Max Limit		0.7	0.7	
Min Limit		-0.7	-0.7	
NDD	Serial #	Pre	Post	Delta
1E+12	1	-0.017	-0.051	-0.034
1E+12	2	-0.153	-0.186	-0.034
1E+12	3	0.017	0.085	0.068
1E+12	4	0.068	0.119	0.051
1E+12	5	0.000	0.017	0.017
5E+12	6	-0.085	-0.254	-0.170
5E+12	7	-0.051	0.017	0.068
5E+12	8	0.017	0.153	0.136
5E+12	9	-0.017	-0.186	-0.169
5E+12	10	0.017	-0.051	-0.068
1E+13	11	0.068	0.068	0.000
1E+13	12	-0.085	-0.034	0.051
1E+13	13	-0.068	-0.203	-0.136
1E+13	14	-0.051	-0.186	-0.136
1E+13	15	-0.034	0.220	0.254
0	c1	0.000	0.000	0.000
	Max	0.068	0.220	0.254
	Average	-0.023	-0.030	-0.006
	Min	-0.153	-0.254	-0.170
	Std Dev	0.058	0.142	0.115



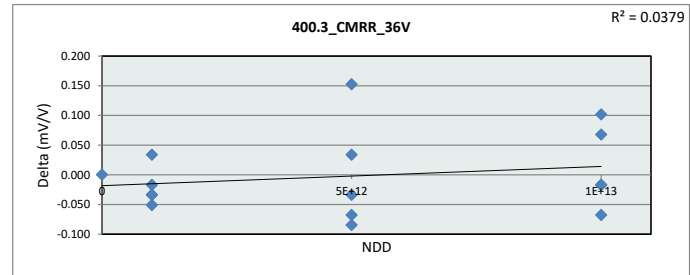
400.2_CMRR_36V				
Max Limit	0.7	mV/V		
Min Limit	-0.7	mV/V		
NDD	0	1E+12	5E+12	1E+13
LL	-0.700	-0.700	-0.700	-0.700
Min	0.000	-0.187	-0.254	-0.203
Average	0.000	-0.003	-0.064	-0.027
Max	0.000	0.119	0.153	0.220
UL	0.700	0.700	0.700	0.700



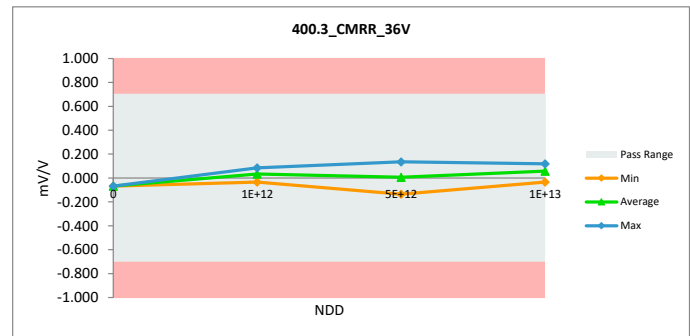
NDD Report

TLV1704-SEP

400.3_CMRR_36V				
Unit		mV/V	mV/V	
Max Limit		0.7	0.7	
Min Limit		-0.7	-0.7	
NDD	Serial #	Pre	Post	Delta
1E+12	1	-0.017	-0.034	-0.017
1E+12	2	0.051	0.085	0.034
1E+12	3	0.068	0.034	-0.034
1E+12	4	0.102	0.068	-0.034
1E+12	5	0.068	0.017	-0.051
5E+12	6	-0.051	-0.136	-0.085
5E+12	7	0.051	0.017	-0.034
5E+12	8	0.051	-0.017	-0.068
5E+12	9	0.000	0.034	0.034
5E+12	10	-0.017	0.136	0.153
1E+13	11	0.034	-0.034	-0.068
1E+13	12	0.017	0.119	0.102
1E+13	13	0.034	0.102	0.068
1E+13	14	0.017	0.000	-0.017
1E+13	15	0.119	0.102	-0.017
0	c1	-0.068	-0.068	0.000
	Max	0.119	0.136	0.153
	Average	0.029	0.026	-0.002
	Min	-0.068	-0.136	-0.085
	Std Dev	0.051	0.074	0.065

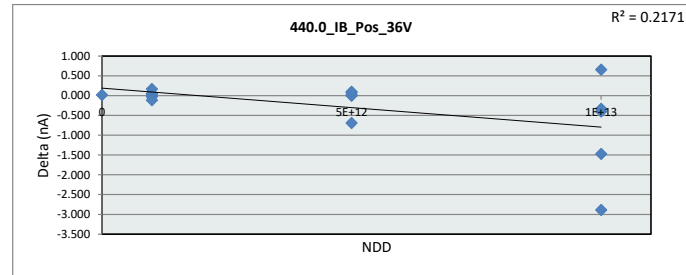


400.3_CMRR_36V				
Max Limit	0.7	mV/V		
Min Limit	-0.7	mV/V		
NDD	0	1E+12	5E+12	1E+13
LL	-0.700	-0.700	-0.700	-0.700
Min	-0.068	-0.034	-0.136	-0.034
Average	-0.068	0.034	0.007	0.058
Max	-0.068	0.085	0.136	0.119
UL	0.700	0.700	0.700	0.700

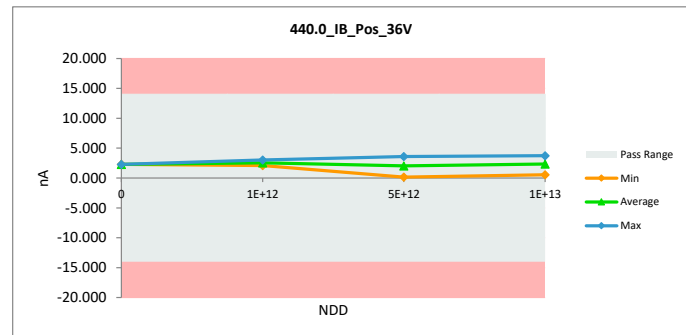


NDD Report
TLV1704-SEP

440.0_IB_Pos_36V				
Unit		nA	nA	
Max Limit		14	14	
Min Limit		-14	-14	
NDD	Serial #	Pre	Post	Delta
1E+12	1	2.385	2.432	0.047
1E+12	2	3.061	3.031	-0.030
1E+12	3	2.567	2.602	0.034
1E+12	4	2.194	2.077	-0.117
1E+12	5	2.400	2.566	0.166
5E+12	6	3.513	3.586	0.073
5E+12	7	2.442	2.460	0.019
5E+12	8	0.845	0.150	-0.695
5E+12	9	2.286	2.283	-0.003
5E+12	10	1.598	1.694	0.097
1E+13	11	3.423	0.534	-2.889
1E+13	12	3.433	3.033	-0.400
1E+13	13	3.082	3.737	0.654
1E+13	14	3.601	3.267	-0.334
1E+13	15	2.688	1.215	-1.473
0	c1	2.270	2.283	0.013
	Max	3.601	3.737	0.654
	Average	2.612	2.309	-0.302
	Min	0.845	0.150	-2.889
	Std Dev	0.741	1.009	0.828

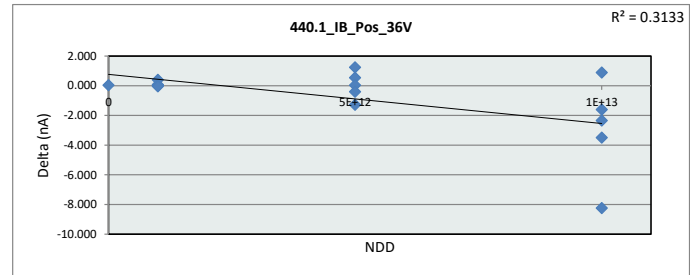


440.0_IB_Pos_36V				
Max Limit	14	nA		
Min Limit	-14	nA		
NDD	0	1E+12	5E+12	1E+13
LL	-14.000	-14.000	-14.000	-14.000
Min	2.283	2.077	0.150	0.534
Average	2.283	2.542	2.035	2.357
Max	2.283	3.031	3.586	3.737
UL	14.000	14.000	14.000	14.000

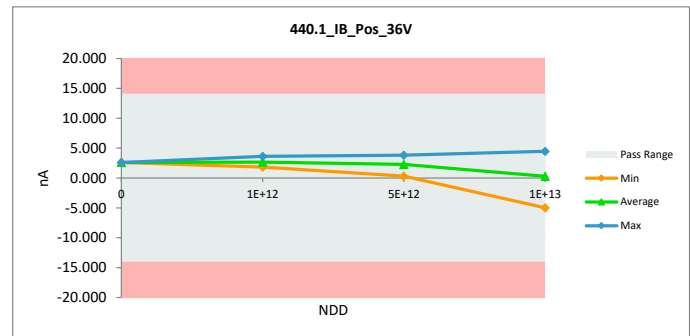


NDD Report
TLV1704-SEP

440.1_IB_Pos_36V				
Unit		nA	nA	
Max Limit		14	14	
Min Limit		-14	-14	
NDD	Serial #	Pre	Post	Delta
1E+12	1	2.599	2.665	0.066
1E+12	2	3.630	3.621	-0.009
1E+12	3	2.754	3.152	0.398
1E+12	4	1.774	1.837	0.063
1E+12	5	2.094	2.049	-0.045
5E+12	6	3.288	3.829	0.541
5E+12	7	2.312	3.547	1.235
5E+12	8	1.612	0.331	-1.281
5E+12	9	2.161	2.198	0.037
5E+12	10	1.842	1.430	-0.412
1E+13	11	3.268	-4.981	-8.249
1E+13	12	3.258	1.649	-1.609
1E+13	13	3.576	4.470	0.894
1E+13	14	3.375	1.031	-2.344
1E+13	15	2.780	-0.722	-3.502
0	c1	2.560	2.596	0.036
	Max	3.630	4.470	1.235
	Average	2.680	1.794	-0.886
	Min	1.612	-4.981	-8.249
	Std Dev	0.668	2.255	2.315

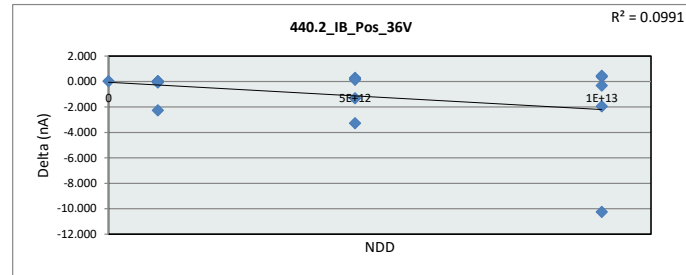


440.1_IB_Pos_36V				
Max Limit	14	nA		
Min Limit	-14	nA		
NDD	0	1E+12	5E+12	1E+13
LL	-14.000	-14.000	-14.000	-14.000
Min	2.596	1.837	0.331	-4.981
Average	2.596	2.665	2.267	0.289
Max	2.596	3.621	3.830	4.470
UL	14.000	14.000	14.000	14.000

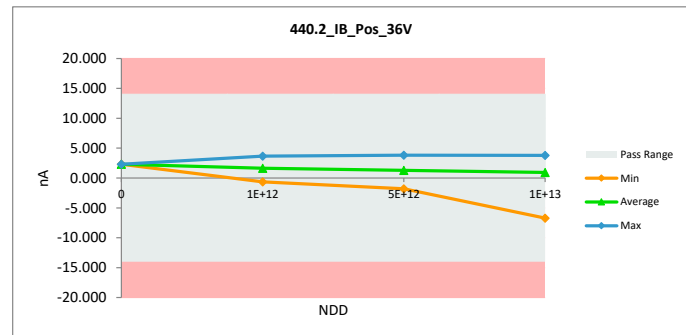


NDD Report
TLV1704-SEP

440.2_IB_Pos_36V				
Unit		nA	nA	
Max Limit		14	14	
Min Limit		-14	-14	
NDD	Serial #	Pre	Post	Delta
1E+12	1	1.644	-0.629	-2.274
1E+12	2	3.667	3.675	0.007
1E+12	3	2.274	2.301	0.027
1E+12	4	1.524	1.442	-0.082
1E+12	5	1.429	1.403	-0.026
5E+12	6	3.536	3.820	0.284
5E+12	7	1.827	0.506	-1.321
5E+12	8	2.096	2.267	0.171
5E+12	9	1.395	1.535	0.140
5E+12	10	1.503	-1.786	-3.289
1E+13	11	3.434	3.799	0.365
1E+13	12	3.457	3.127	-0.330
1E+13	13	3.544	-6.708	-10.252
1E+13	14	3.552	1.595	-1.957
1E+13	15	2.400	2.845	0.445
0	c1	2.286	2.303	0.016
	Max	3.667	3.820	0.445
	Average	2.473	1.343	-1.130
	Min	1.395	-6.708	-10.252
	Std Dev	0.901	2.646	2.669

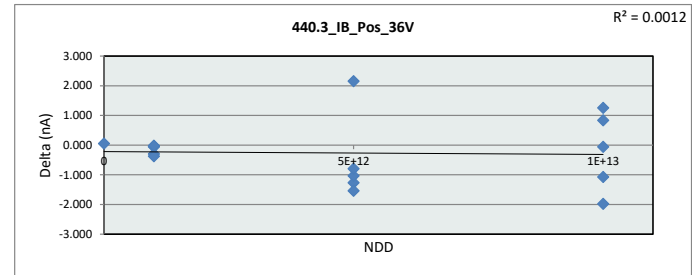


440.2_IB_Pos_36V				
Max Limit	14	nA		
Min Limit	-14	nA		
NDD	0	1E+12	5E+12	1E+13
LL	-14.000	-14.000	-14.000	-14.000
Min	2.303	-0.629	-1.786	-6.708
Average	2.303	1.638	1.268	0.932
Max	2.303	3.675	3.820	3.799
UL	14.000	14.000	14.000	14.000

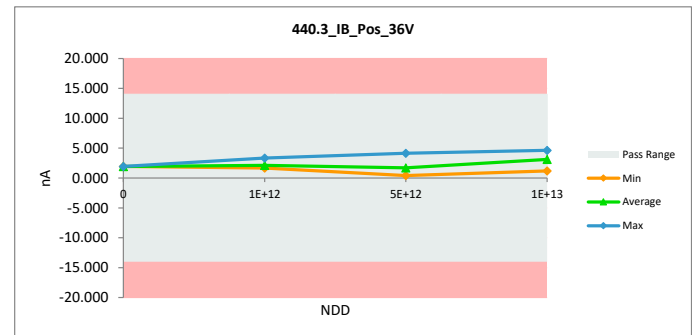


NDD Report TLV1704-SEP

440.3_IB_Pos_36V				
Unit		nA	nA	
Max Limit		14	14	
Min Limit		-14	-14	
NDD	Serial #	Pre	Post	Delta
1E+12	1	1.716	1.654	-0.061
1E+12	2	3.650	3.350	-0.300
1E+12	3	2.010	1.968	-0.042
1E+12	4	2.164	1.789	-0.375
1E+12	5	1.835	1.817	-0.018
5E+12	6	3.551	2.285	-1.266
5E+12	7	2.008	0.970	-1.038
5E+12	8	1.949	0.411	-1.538
5E+12	9	1.519	0.722	-0.797
5E+12	10	1.988	4.141	2.152
1E+13	11	3.322	2.250	-1.072
1E+13	12	3.178	1.199	-1.978
1E+13	13	3.386	4.637	1.251
1E+13	14	4.115	4.059	-0.056
1E+13	15	2.591	3.423	0.832
0	c1	1.888	1.940	0.052
	Max	4.115	4.637	2.152
	Average	2.554	2.289	-0.266
	Min	1.519	0.411	-1.978
	Std Dev	0.836	1.278	1.057

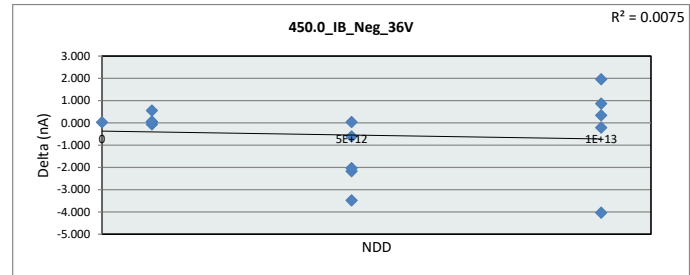


440.3_IB_Pos_36V				
Max Limit	14	nA		
Min Limit	-14	nA		
NDD	0	1E+12	5E+12	1E+13
LL	-14.000	-14.000	-14.000	-14.000
Min	1.940	1.654	0.411	1.199
Average	1.940	2.116	1.706	3.114
Max	1.940	3.350	4.141	4.638
UL	14.000	14.000	14.000	14.000

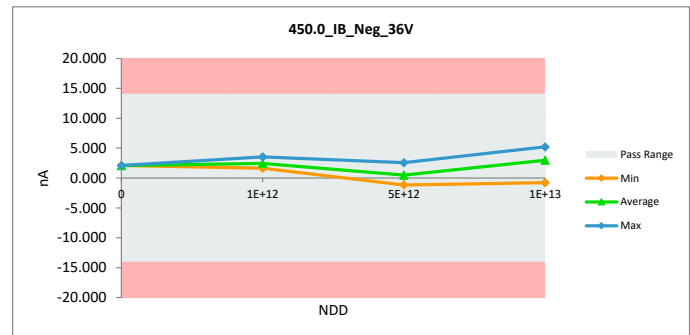


NDD Report
TLV1704-SEP

450.0_IB_Neg_36V				
Unit		nA	nA	
Max Limit		14	14	
Min Limit		-14	-14	
NDD	Serial #	Pre	Post	Delta
1E+12	1	2.104	2.141	0.037
1E+12	2	3.609	3.537	-0.072
1E+12	3	2.518	2.563	0.046
1E+12	4	1.576	1.625	0.050
1E+12	5	1.758	2.311	0.553
5E+12	6	3.167	2.557	-0.610
5E+12	7	2.315	-1.169	-3.484
5E+12	8	1.590	-0.583	-2.173
5E+12	9	2.033	2.064	0.031
5E+12	10	1.595	-0.446	-2.040
1E+13	11	3.262	5.218	1.955
1E+13	12	3.239	4.102	0.863
1E+13	13	3.251	-0.786	-4.037
1E+13	14	3.558	3.339	-0.219
1E+13	15	2.664	2.998	0.334
0	c1	2.077	2.099	0.022
	Max	3.609	5.218	1.955
	Average	2.520	1.973	-0.547
	Min	1.576	-1.169	-4.037
	Std Dev	0.737	1.849	1.591

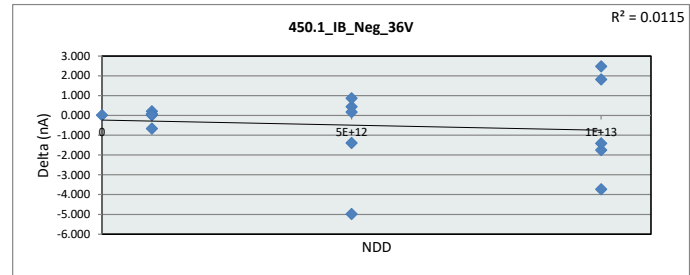


450.0_IB_Neg_36V				
Max Limit		14	nA	
Min Limit		-14	nA	
NDD	0	1E+12	5E+12	1E+13
LL	-14.000	-14.000	-14.000	-14.000
Min	2.099	1.625	-1.169	-0.786
Average	2.099	2.435	0.485	2.974
Max	2.099	3.537	2.557	5.218
UL	14.000	14.000	14.000	14.000

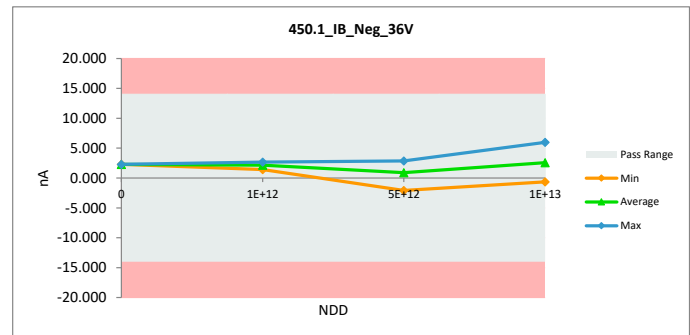


NDD Report
TLV1704-SEP

450.1_IB_Neg_36V				
Unit		nA	nA	
Max Limit		14	14	
Min Limit		-14	-14	
NDD	Serial #	Pre	Post	Delta
1E+12	1	2.231	2.440	0.209
1E+12	2	3.332	2.666	-0.665
1E+12	3	2.504	2.551	0.048
1E+12	4	1.360	1.421	0.062
1E+12	5	1.678	1.692	0.014
5E+12	6	2.902	-2.083	-4.985
5E+12	7	1.472	0.078	-1.393
5E+12	8	1.571	2.009	0.438
5E+12	9	1.991	2.856	0.865
5E+12	10	1.456	1.622	0.166
1E+13	11	3.252	1.498	-1.754
1E+13	12	3.092	4.905	1.812
1E+13	13	3.494	5.970	2.476
1E+13	14	3.089	-0.646	-3.735
1E+13	15	2.538	1.122	-1.415
0	c1	2.278	2.292	0.014
	Max	3.494	5.970	2.476
	Average	2.390	1.900	-0.490
	Min	1.360	-2.083	-4.985
	Std Dev	0.743	1.911	1.877

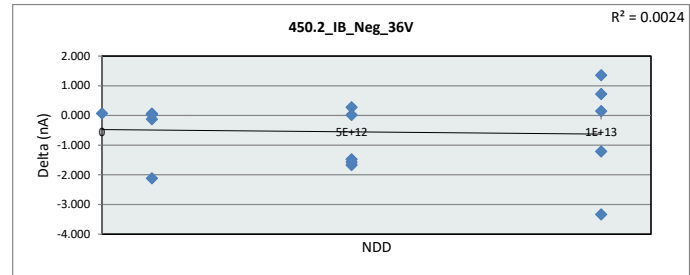


450.1_IB_Neg_36V				
Max Limit	14	nA		
Min Limit	-14	nA		
NDD	0	1E+12	5E+12	1E+13
LL	-14.000	-14.000	-14.000	-14.000
Min	2.292	1.421	-2.083	-0.646
Average	2.292	2.154	0.896	2.570
Max	2.292	2.666	2.856	5.970
UL	14.000	14.000	14.000	14.000

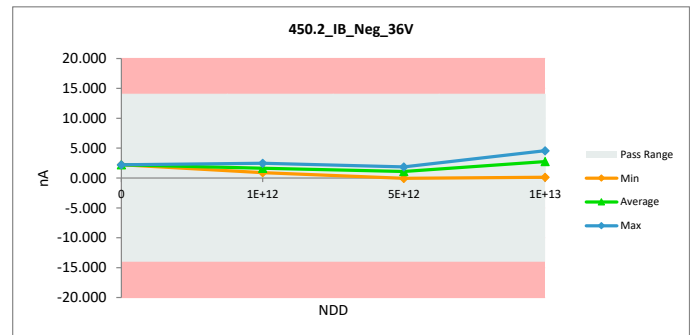


NDD Report
TLV1704-SEP

450.2_IB_Neg_36V				
Unit		nA	nA	
Max Limit		14	14	
Min Limit		-14	-14	
NDD	Serial #	Pre	Post	Delta
1E+12	1	1.012	0.884	-0.128
1E+12	2	3.544	1.425	-2.119
1E+12	3	2.420	2.483	0.063
1E+12	4	1.698	1.730	0.032
1E+12	5	1.625	1.660	0.035
5E+12	6	3.332	1.656	-1.676
5E+12	7	1.589	1.861	0.272
5E+12	8	1.714	1.726	0.012
5E+12	9	1.427	-0.052	-1.479
5E+12	10	1.855	0.280	-1.575
1E+13	11	3.381	3.527	0.146
1E+13	12	3.468	0.129	-3.339
1E+13	13	3.221	4.572	1.351
1E+13	14	3.656	2.444	-1.212
1E+13	15	2.374	3.095	0.721
0	c1	2.158	2.221	0.063
	Max	3.656	4.572	1.351
	Average	2.404	1.852	-0.552
	Min	1.012	-0.052	-3.339
	Std Dev	0.894	1.236	1.216

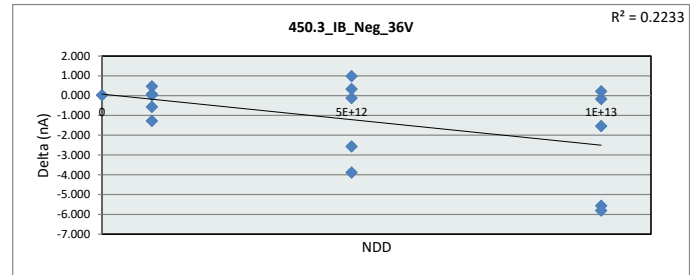


450.2_IB_Neg_36V				
Max Limit	14	nA		
Min Limit	-14	nA		
NDD	0	1E+12	5E+12	1E+13
LL	-14.000	-14.000	-14.000	-14.000
Min	2.221	0.884	-0.052	0.129
Average	2.221	1.636	1.094	2.753
Max	2.221	2.483	1.861	4.572
UL	14.000	14.000	14.000	14.000

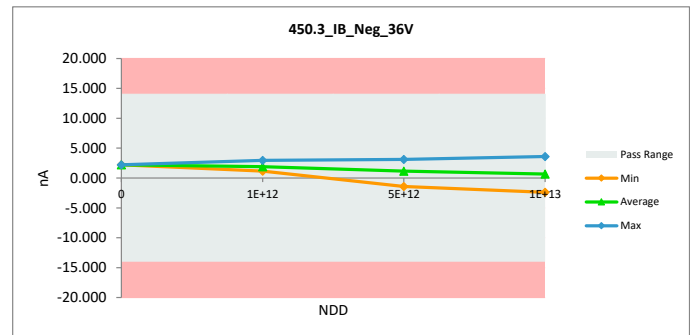


NDD Report
TLV1704-SEP

450.3_IB_Neg_36V				
Unit		nA	nA	
Max Limit		14	14	
Min Limit		-14	-14	
NDD	Serial #	Pre	Post	Delta
1E+12	1	1.733	1.158	-0.575
1E+12	2	3.380	2.104	-1.276
1E+12	3	2.483	2.952	0.469
1E+12	4	1.387	1.459	0.072
1E+12	5	1.686	1.719	0.033
5E+12	6	3.237	3.110	-0.127
5E+12	7	2.316	2.650	0.334
5E+12	8	1.676	-0.893	-2.569
5E+12	9	1.325	2.306	0.982
5E+12	10	2.477	-1.409	-3.885
1E+13	11	3.521	3.350	-0.171
1E+13	12	3.423	-2.144	-5.568
1E+13	13	3.416	-2.392	-5.808
1E+13	14	3.387	3.599	0.212
1E+13	15	2.453	0.914	-1.540
0	c1	2.193	2.213	0.021
	Max	3.521	3.599	0.982
	Average	2.506	1.294	-1.212
	Min	1.325	-2.392	-5.808
	Std Dev	0.797	1.963	2.139

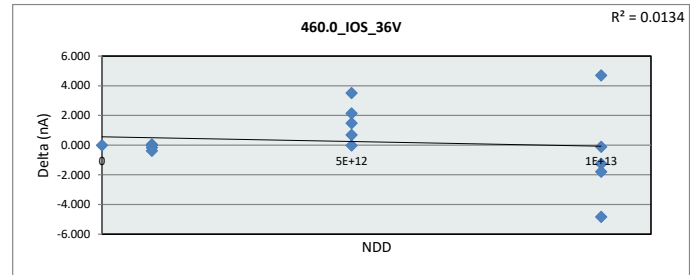


450.3_IB_Neg_36V				
Max Limit	14	nA		
Min Limit	-14	nA		
NDD	0	1E+12	5E+12	1E+13
LL	-14.000	-14.000	-14.000	-14.000
Min	2.213	1.158	-1.409	-2.392
Average	2.213	1.878	1.153	0.665
Max	2.213	2.952	3.110	3.599
UL	14.000	14.000	14.000	14.000

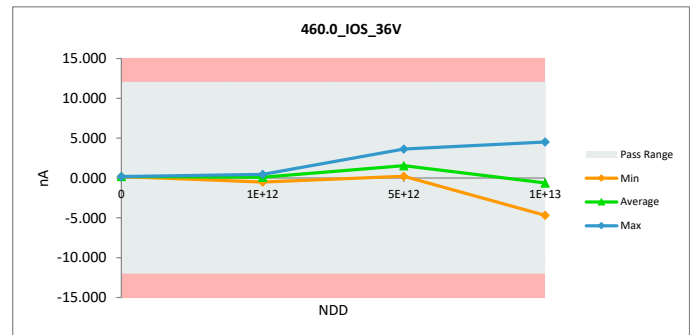


NDD Report
TLV1704-SEP

460.0_IOS_36V				
Unit		nA	nA	
Max Limit		12	12	
Min Limit		-12	-12	
NDD	Serial #	Pre	Post	Delta
1E+12	1	0.281	0.291	0.010
1E+12	2	-0.548	-0.505	0.043
1E+12	3	0.050	0.039	-0.011
1E+12	4	0.618	0.452	-0.167
1E+12	5	0.642	0.255	-0.387
5E+12	6	0.345	1.028	0.683
5E+12	7	0.127	3.629	3.502
5E+12	8	-0.746	0.733	1.479
5E+12	9	0.253	0.219	-0.034
5E+12	10	0.003	2.140	2.137
1E+13	11	0.161	-4.683	-4.844
1E+13	12	0.193	-1.070	-1.263
1E+13	13	-0.168	4.523	4.691
1E+13	14	0.043	-0.073	-0.115
1E+13	15	0.024	-1.783	-1.806
0	c1	0.193	0.184	-0.009
	Max	0.642	4.523	4.691
	Average	0.092	0.336	0.244
	Min	-0.746	-4.683	-4.844
	Std Dev	0.359	2.081	2.146

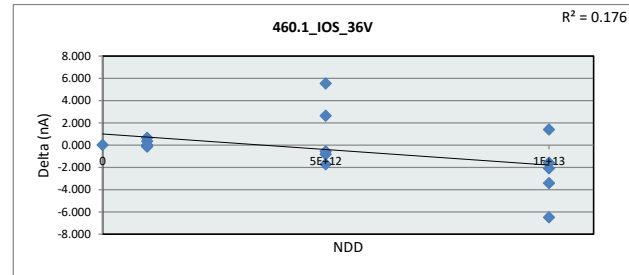


460.0_IOS_36V				
Max Limit	12	nA		
Min Limit	-12	nA		
NDD	0	1E+12	5E+12	1E+13
LL	-12.000	-12.000	-12.000	-12.000
Min	0.184	-0.505	0.219	-4.683
Average	0.184	0.106	1.550	-0.617
Max	0.184	0.452	3.629	4.523
UL	12.000	12.000	12.000	12.000

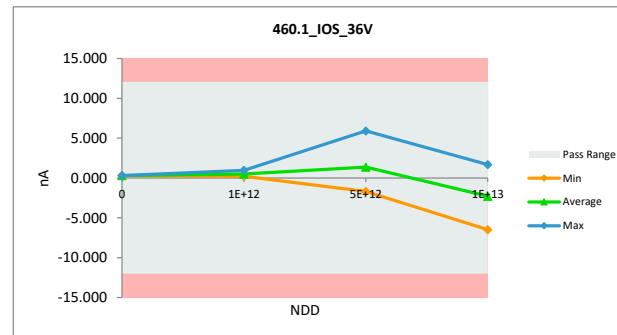


NDD Report
TLV1704-SEP

460.1_IOS_36V				
Unit		nA	nA	
Max Limit		12	12	
Min Limit		-12	-12	
NDD	Serial #	Pre	Post	Delta
1E+12	1	0.368	0.225	-0.143
1E+12	2	0.299	0.955	0.656
1E+12	3	0.250	0.600	0.350
1E+12	4	0.414	0.416	0.002
1E+12	5	0.417	0.358	-0.059
5E+12	6	0.386	5.912	5.526
5E+12	7	0.840	3.469	2.629
5E+12	8	0.041	-1.679	-1.719
5E+12	9	0.170	-0.657	-0.828
5E+12	10	0.386	-0.192	-0.578
1E+13	11	0.016	-6.479	-6.495
1E+13	12	0.166	-3.255	-3.421
1E+13	13	0.081	-1.501	-1.582
1E+13	14	0.285	1.676	1.391
1E+13	15	0.242	-1.845	-2.087
0	c1	0.282	0.304	0.022
	Max	0.840	5.912	5.526
	Average	0.290	-0.106	-0.396
	Min	0.016	-6.479	-6.495
	Std Dev	0.196	2.743	2.610

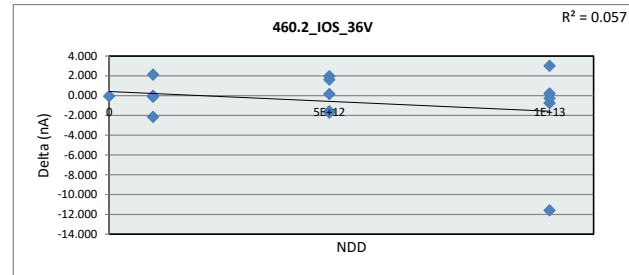


460.1_IOS_36V				
Max Limit	12	nA		
Min Limit	-12	nA		
NDD	0	1E+12	5E+12	1E+13
LL	-12.000	-12.000	-12.000	-12.000
Min	0.304	0.225	-1.679	-6.479
Average	0.304	0.511	1.371	-2.281
Max	0.304	0.955	5.912	1.676
UL	12.000	12.000	12.000	12.000

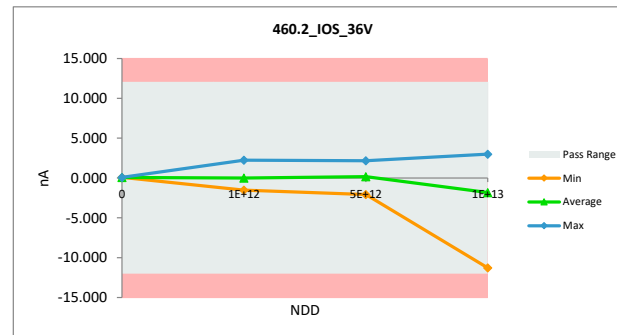


NDD Report
TLV1704-SEP

		460.2_IOS_36V		
Unit		nA	nA	
Max Limit		12	12	
Min Limit		-12	-12	
NDD	Serial #	Pre	Post	Delta
1E+12	1	0.632	-1.513	-2.145
1E+12	2	0.123	2.250	2.127
1E+12	3	-0.146	-0.182	-0.035
1E+12	4	-0.174	-0.288	-0.114
1E+12	5	-0.196	-0.256	-0.061
5E+12	6	0.204	2.164	1.960
5E+12	7	0.238	-1.355	-1.593
5E+12	8	0.382	0.541	0.159
5E+12	9	-0.032	1.587	1.619
5E+12	10	-0.352	-2.066	-1.714
1E+13	11	0.053	0.272	0.219
1E+13	12	-0.011	2.998	3.009
1E+13	13	0.323	-11.280	-11.603
1E+13	14	-0.104	-0.849	-0.745
1E+13	15	0.026	-0.250	-0.277
0	c1	0.129	0.082	-0.047
	Max	0.632	2.998	3.009
	Average	0.068	-0.509	-0.578
	Min	-0.352	-11.280	-11.603
	Std Dev	0.250	3.205	3.267

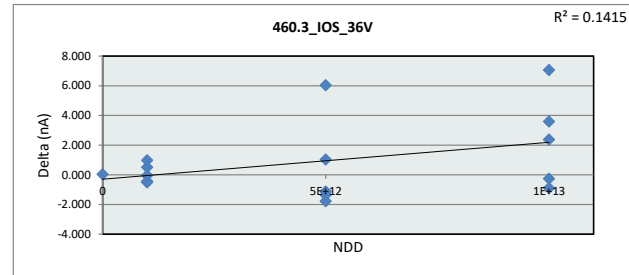


		460.2_IOS_36V			
Max Limit		12	nA		
Min Limit		-12	nA		
NDD	0	1E+12	5E+12	1E+13	
LL	-12.000	-12.000	-12.000	-12.000	
Min	0.082	-1.513	-2.066	-11.280	
Average	0.082	0.002	0.174	-1.822	
Max	0.082	2.250	2.164	2.998	
UL	12.000	12.000	12.000	12.000	

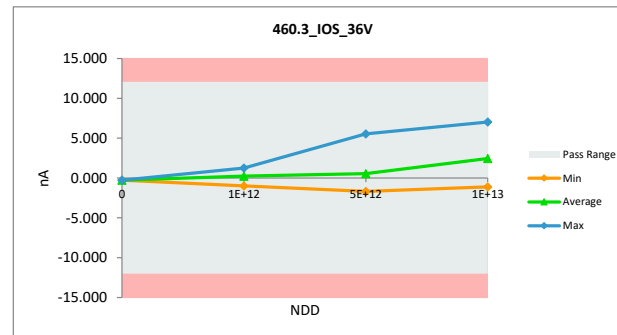


NDD Report
TLV1704-SEP

460.3_IOS_36V				
Unit		nA	nA	
Max Limit		12	12	
Min Limit		-12	-12	
NDD	Serial #	Pre	Post	Delta
1E+12	1	-0.018	0.496	0.514
1E+12	2	0.270	1.246	0.976
1E+12	3	-0.473	-0.983	-0.510
1E+12	4	0.777	0.330	-0.447
1E+12	5	0.148	0.097	-0.051
5E+12	6	0.314	-0.825	-1.139
5E+12	7	-0.308	-1.680	-1.372
5E+12	8	0.273	1.304	1.031
5E+12	9	0.195	-1.585	-1.779
5E+12	10	-0.488	5.549	6.038
1E+13	11	-0.199	-1.099	-0.900
1E+13	12	-0.246	3.344	3.590
1E+13	13	-0.030	7.029	7.059
1E+13	14	0.729	0.460	-0.268
1E+13	15	0.138	2.510	2.372
0	c1	-0.305	-0.274	0.031
	Max	0.777	7.029	7.059
	Average	0.049	0.995	0.946
	Min	-0.488	-1.680	-1.779
	Std Dev	0.381	2.502	2.588

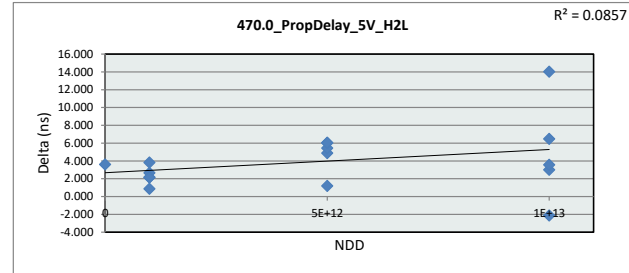


460.3_IOS_36V				
Max Limit	12	nA		
Min Limit	-12	nA		
NDD	0	1E+12	5E+12	1E+13
LL	-12.000	-12.000	-12.000	-12.000
Min	-0.274	-0.983	-1.680	-1.100
Average	-0.274	0.237	0.553	2.449
Max	-0.274	1.246	5.549	7.029
UL	12.000	12.000	12.000	12.000

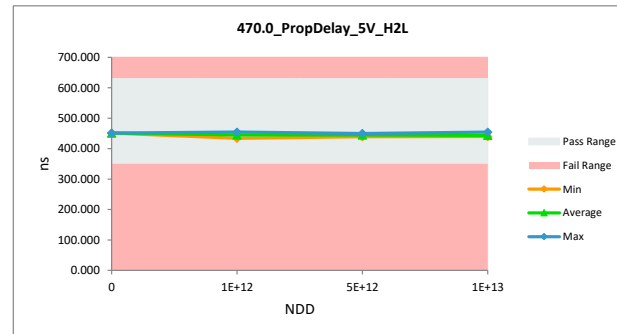


NDD Report
TLV1704-SEP

		470.0_PropDelay_5V_H2L		
Unit		ns	ns	
Max Limit		630	630	
Min Limit		350	350	
NDD	Serial #	Pre	Post	Delta
1E+12	1	450.454	451.328	0.873
1E+12	2	431.355	433.999	2.644
1E+12	3	442.461	444.597	2.136
1E+12	4	437.876	440.036	2.160
1E+12	5	450.791	454.617	3.826
5E+12	6	436.488	441.353	4.866
5E+12	7	444.305	449.740	5.434
5E+12	8	433.065	439.079	6.015
5E+12	9	446.565	447.763	1.198
5E+12	10	441.150	447.194	6.045
1E+13	11	438.586	441.596	3.010
1E+13	12	440.561	454.567	14.007
1E+13	13	442.069	439.939	-2.130
1E+13	14	438.331	441.901	3.570
1E+13	15	433.141	439.603	6.462
0	c1	447.664	451.276	3.612
	Max	450.791	454.617	14.007
	Average	440.929	444.912	3.983
	Min	431.355	433.999	-2.130
	Std Dev	5.976	6.155	3.488



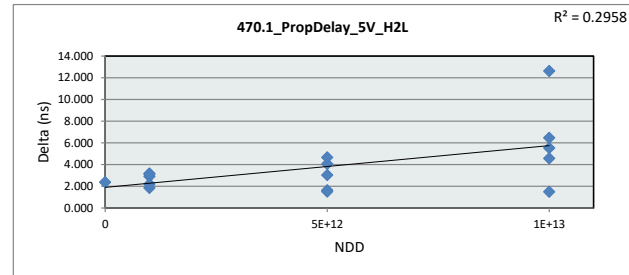
		470.0_PropDelay_5V_H2L			
Max Limit		630	ns		
Min Limit		350	ns		
NDD	0	1E+12	5E+12	1E+13	
LL	350.000	350.000	350.000	350.000	
Min	451.276	433.999	439.079	439.603	
Average	451.276	444.915	445.026	443.522	
Max	451.276	454.617	449.740	454.567	
UL	630.000	630.000	630.000	630.000	



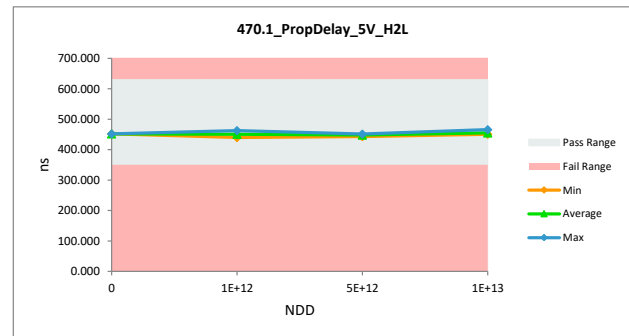
NDD Report

TLV1704-SEP

		470.1_PropDelay_5V_H2L		
Unit		ns	ns	
Max Limit		630	630	
Min Limit		350	350	
NDD	Serial #	Pre	Post	Delta
1E+12	1	443.974	445.819	1.845
1E+12	2	437.015	439.923	2.908
1E+12	3	455.105	457.312	2.207
1E+12	4	445.190	448.368	3.178
1E+12	5	459.382	462.510	3.128
5E+12	6	441.577	443.208	1.631
5E+12	7	443.183	447.240	4.057
5E+12	8	447.574	449.083	1.509
5E+12	9	448.419	451.456	3.037
5E+12	10	445.278	449.935	4.658
1E+13	11	444.318	450.776	6.458
1E+13	12	453.244	465.867	12.623
1E+13	13	450.673	452.171	1.497
1E+13	14	446.779	452.311	5.532
1E+13	15	449.845	454.422	4.577
0	c1	449.638	452.008	2.370
	Max	459.382	465.867	12.623
	Average	447.575	451.401	3.826
	Min	437.015	439.923	1.497
	Std Dev	5.477	6.547	2.771

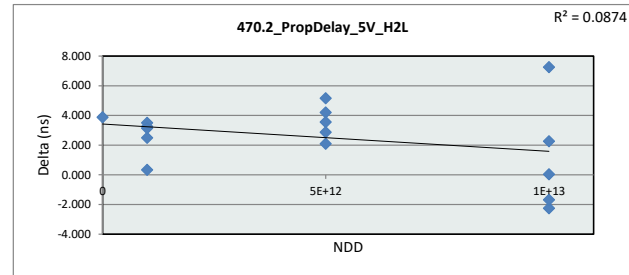


		470.1_PropDelay_5V_H2L			
Max Limit		630	ns		
Min Limit		350	ns		
NDD		0	1E+12	5E+12	1E+13
LL		350.000	350.000	350.000	350.000
Min		452.008	439.923	443.208	450.777
Average		452.008	450.787	448.184	455.109
Max		452.008	462.510	451.456	465.867
UL		630.000	630.000	630.000	630.000

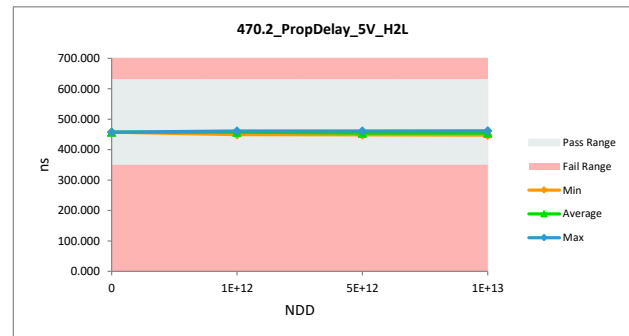


NDD Report
TLV1704-SEP

		470.2_PropDelay_5V_H2L		
Unit		ns	ns	
Max Limit		630	630	
Min Limit		350	350	
NDD	Serial #	Pre	Post	Delta
1E+12	1	459.296	459.620	0.323
1E+12	2	445.990	449.248	3.258
1E+12	3	456.435	458.929	2.494
1E+12	4	454.164	457.668	3.504
1E+12	5	458.270	461.403	3.133
5E+12	6	446.558	448.650	2.091
5E+12	7	449.763	453.956	4.193
5E+12	8	446.755	451.905	5.150
5E+12	9	457.554	461.107	3.553
5E+12	10	452.576	455.442	2.866
1E+13	11	451.594	449.331	-2.263
1E+13	12	453.497	460.751	7.254
1E+13	13	449.396	447.707	-1.689
1E+13	14	448.936	451.192	2.256
1E+13	15	461.924	461.959	0.035
0	c1	453.609	457.488	3.879
	Max	461.924	461.959	7.254
	Average	452.895	455.397	2.502
	Min	445.990	447.707	-2.263
	Std Dev	4.852	5.108	2.434



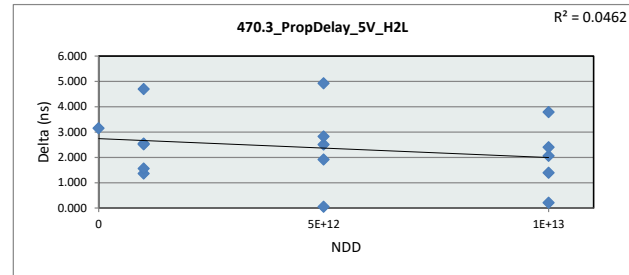
		470.2_PropDelay_5V_H2L		
Max Limit		630	ns	
Min Limit		350	ns	
NDD	0	1E+12	5E+12	1E+13
LL	350.000	350.000	350.000	350.000
Min	457.488	449.248	448.650	447.708
Average	457.488	457.373	454.212	454.188
Max	457.488	461.403	461.107	461.959
UL	630.000	630.000	630.000	630.000



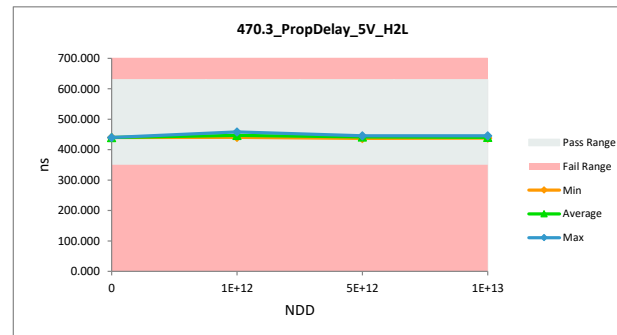
NDD Report

TLV1704-SEP

470.3_PropDelay_5V_H2L				
Unit		ns	ns	
Max Limit		630	630	
Min Limit		350	350	
NDD	Serial #	Pre	Post	Delta
1E+12	1	449.161	450.523	1.362
1E+12	2	437.854	440.396	2.542
1E+12	3	438.610	441.120	2.510
1E+12	4	442.475	444.030	1.555
1E+12	5	453.547	458.244	4.697
5E+12	6	436.573	439.077	2.505
5E+12	7	439.280	442.105	2.825
5E+12	8	434.988	436.902	1.915
5E+12	9	445.392	445.444	0.051
5E+12	10	440.010	444.931	4.921
1E+13	11	436.619	440.408	3.788
1E+13	12	438.042	439.435	1.393
1E+13	13	440.243	440.450	0.207
1E+13	14	435.769	437.826	2.057
1E+13	15	442.908	445.305	2.397
0	c1	436.796	439.943	3.147
	Max	453.547	458.244	4.921
	Average	440.517	442.884	2.367
	Min	434.988	436.902	0.051
	Std Dev	5.127	5.358	1.362

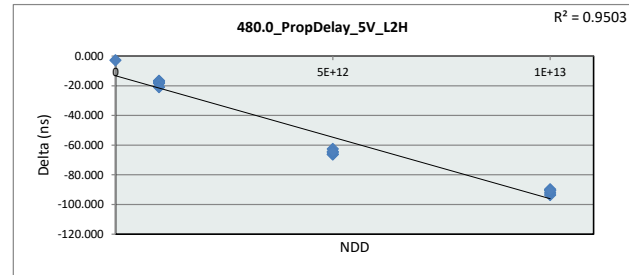


470.3_PropDelay_5V_H2L				
Max Limit	630	ns		
Min Limit	350	ns		
NDD	0	1E+12	5E+12	1E+13
LL	350.000	350.000	350.000	350.000
Min	439.943	440.396	436.902	437.826
Average	439.943	446.862	441.692	440.685
Max	439.943	458.244	445.444	445.305
UL	630.000	630.000	630.000	630.000

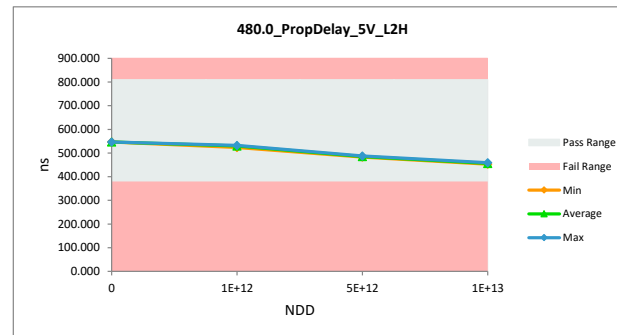


NDD Report
TLV1704-SEP

		480.0_PropDelay_5V_L2H		
Unit		ns	ns	
Max Limit		810	810	
Min Limit		380	380	
NDD	Serial #	Pre	Post	Delta
1E+12	1	550.673	532.502	-18.170
1E+12	2	540.575	523.638	-16.937
1E+12	3	548.637	531.928	-16.709
1E+12	4	548.880	530.485	-18.394
1E+12	5	552.994	532.098	-20.896
5E+12	6	546.462	483.842	-62.620
5E+12	7	552.135	485.935	-66.201
5E+12	8	548.826	482.571	-66.255
5E+12	9	552.734	487.971	-64.763
5E+12	10	550.180	485.780	-64.401
1E+13	11	548.422	458.693	-89.729
1E+13	12	549.474	459.069	-90.406
1E+13	13	549.274	455.594	-93.680
1E+13	14	546.302	454.081	-92.220
1E+13	15	543.620	452.903	-90.717
0	c1	549.400	546.614	-2.786
	Max	552.994	546.614	-2.786
	Average	548.662	493.981	-54.680
	Min	540.575	452.903	-93.680
	Std Dev	3.232	33.642	33.277

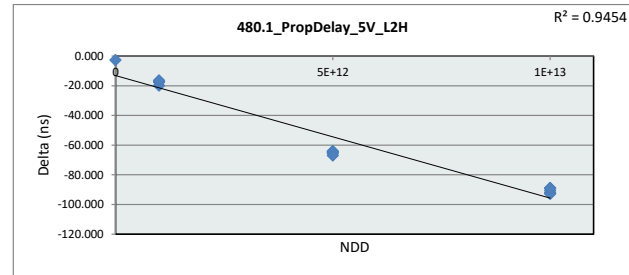


		480.0_PropDelay_5V_L2H			
Max Limit		810	ns		
Min Limit		380	ns		
NDD	0	1E+12	5E+12	1E+13	
LL	380.000	380.000	380.000	380.000	
Min	546.614	523.638	482.571	452.903	
Average	546.614	530.130	485.220	456.068	
Max	546.614	532.502	487.971	459.069	
UL	810.000	810.000	810.000	810.000	

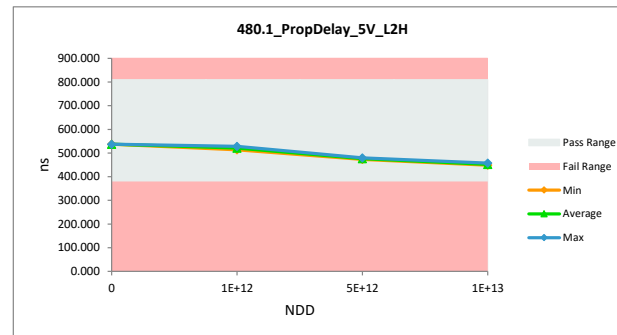


NDD Report
TLV1704-SEP

		480.1_PropDelay_5V_L2H		
Unit		ns	ns	
Max Limit		810	810	
Min Limit		380	380	
NDD	Serial #	Pre	Post	Delta
1E+12	1	537.927	520.473	-17.454
1E+12	2	531.194	513.933	-17.261
1E+12	3	539.114	521.653	-17.461
1E+12	4	541.421	521.451	-19.969
1E+12	5	544.989	528.605	-16.383
5E+12	6	538.881	474.861	-64.020
5E+12	7	537.772	473.052	-64.720
5E+12	8	545.176	479.617	-65.559
5E+12	9	540.994	476.351	-64.643
5E+12	10	542.750	475.750	-67.001
1E+13	11	541.895	451.304	-90.591
1E+13	12	546.241	457.350	-88.891
1E+13	13	544.709	452.768	-91.941
1E+13	14	542.866	450.028	-92.839
1E+13	15	537.720	448.529	-89.191
0	c1	540.055	537.308	-2.746
	Max	546.241	537.308	-2.746
	Average	540.856	486.439	-54.417
	Min	531.194	448.529	-92.839
	Std Dev	3.808	31.936	33.258

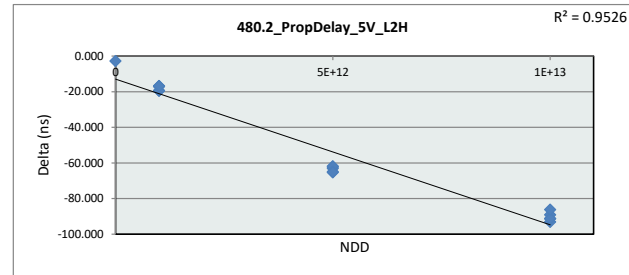


		480.1_PropDelay_5V_L2H			
Max Limit		810	ns		
Min Limit		380	ns		
NDD	0	1E+12	5E+12	1E+13	
LL	380.000	380.000	380.000	380.000	
Min	537.308	513.933	473.052	448.529	
Average	537.308	521.223	475.926	451.996	
Max	537.308	528.605	479.617	457.350	
UL	810.000	810.000	810.000	810.000	

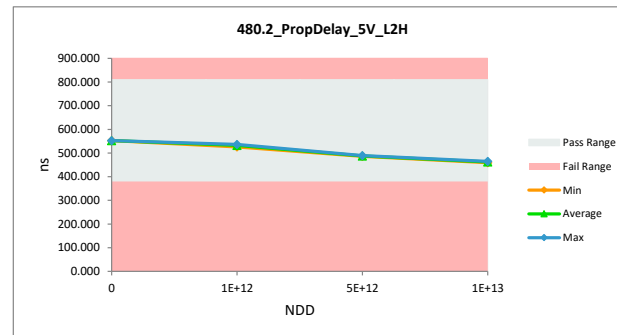


NDD Report
TLV1704-SEP

		480.2_PropDelay_5V_L2H		
Unit		ns	ns	
Max Limit		810	810	
Min Limit		380	380	
NDD	Serial #	Pre	Post	Delta
1E+12	1	552.743	535.948	-16.795
1E+12	2	545.222	525.769	-19.453
1E+12	3	549.810	532.642	-17.168
1E+12	4	552.967	533.406	-19.561
1E+12	5	551.187	534.227	-16.960
5E+12	6	548.819	485.756	-63.063
5E+12	7	548.862	486.543	-62.319
5E+12	8	551.160	489.289	-61.871
5E+12	9	552.708	487.757	-64.951
5E+12	10	552.323	486.987	-65.337
1E+13	11	552.768	461.505	-91.264
1E+13	12	553.875	464.701	-89.173
1E+13	13	552.252	459.164	-93.088
1E+13	14	552.043	460.772	-91.272
1E+13	15	550.733	464.484	-86.249
0	c1	555.453	552.602	-2.851
	Max	555.453	552.602	-2.851
	Average	551.433	497.597	-53.836
	Min	545.222	459.164	-93.088
	Std Dev	2.404	32.657	32.815

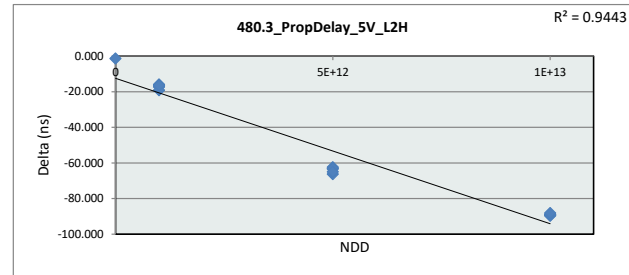


		480.2_PropDelay_5V_L2H			
Max Limit		810	ns		
Min Limit		380	ns		
NDD	0	1E+12	5E+12	1E+13	
LL	380.000	380.000	380.000	380.000	
Min	552.602	525.769	485.756	459.164	
Average	552.602	532.398	487.266	462.125	
Max	552.602	535.948	489.289	464.701	
UL	810.000	810.000	810.000	810.000	

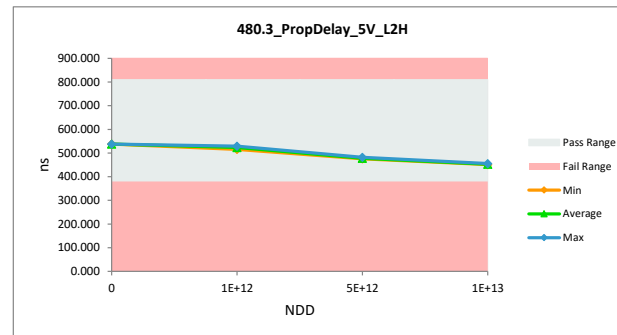


NDD Report
TLV1704-SEP

		480.3_PropDelay_5V_L2H		
Unit		ns	ns	
Max Limit		810	810	
Min Limit		380	380	
NDD	Serial #	Pre	Post	Delta
1E+12	1	543.812	527.911	-15.901
1E+12	2	532.380	515.581	-16.799
1E+12	3	538.516	521.161	-17.354
1E+12	4	541.914	522.701	-19.214
1E+12	5	545.636	529.107	-16.529
5E+12	6	538.877	476.432	-62.445
5E+12	7	539.460	476.095	-63.365
5E+12	8	542.182	475.879	-66.303
5E+12	9	545.382	482.272	-63.110
5E+12	10	543.668	478.659	-65.009
1E+13	11	540.877	451.457	-89.419
1E+13	12	540.604	451.443	-89.162
1E+13	13	545.242	455.526	-89.716
1E+13	14	540.291	451.138	-89.153
1E+13	15	541.039	452.890	-88.149
0	c1	539.110	537.761	-1.349
	Max	545.636	537.761	-1.349
	Average	541.187	487.876	-53.311
	Min	532.380	451.138	-89.716
	Std Dev	3.336	32.335	32.904

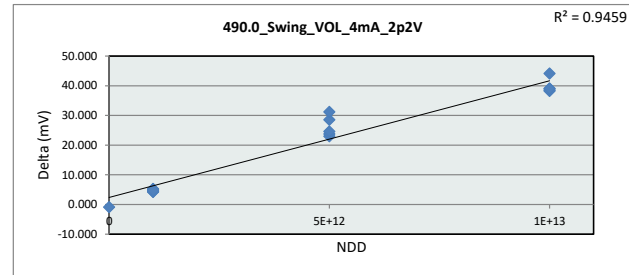


		480.3_PropDelay_5V_L2H			
Max Limit		810	ns		
Min Limit		380	ns		
NDD	0	1E+12	5E+12	1E+13	
LL	380.000	380.000	380.000	380.000	
Min	537.761	515.581	475.879	451.138	
Average	537.761	523.292	477.867	452.491	
Max	537.761	529.107	482.272	455.526	
UL	810.000	810.000	810.000	810.000	

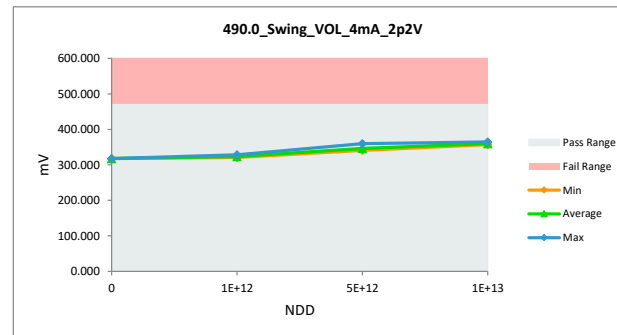


NDD Report
TLV1704-SEP

490.0_Swing_VOL_4mA_2p2V				
Unit		mV	mV	
Max Limit		470	470	
Min Limit		0.1	0.1	
NDD	Serial #	Pre	Post	Delta
1E+12	1	318.679	323.947	5.267
1E+12	2	324.065	328.287	4.222
1E+12	3	317.849	322.819	4.970
1E+12	4	318.348	322.685	4.338
1E+12	5	316.221	320.971	4.750
5E+12	6	319.694	342.675	22.981
5E+12	7	316.872	340.589	23.717
5E+12	8	315.937	340.534	24.597
5E+12	9	319.135	347.658	28.522
5E+12	10	328.263	359.454	31.191
1E+13	11	319.391	358.443	39.052
1E+13	12	320.492	358.984	38.492
1E+13	13	322.603	360.803	38.200
1E+13	14	320.442	364.578	44.136
1E+13	15	318.173	357.084	38.911
0	c1	318.592	317.717	-0.874
	Max	328.263	364.578	44.136
	Average	319.672	341.702	22.030
	Min	315.937	317.717	-0.874
	Std Dev	3.125	16.885	15.828

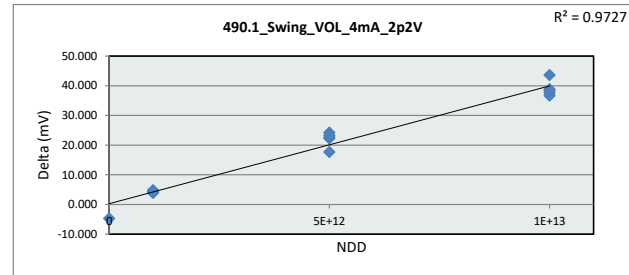


490.0_Swing_VOL_4mA_2p2V				
Max Limit		470	mV	
Min Limit		0.1	mV	
NDD	0	1E+12	5E+12	1E+13
LL	0.100	0.100	0.100	0.100
Min	317.717	320.971	340.534	357.084
Average	317.717	323.742	346.182	359.978
Max	317.717	328.287	359.454	364.578
UL	470.000	470.000	470.000	470.000

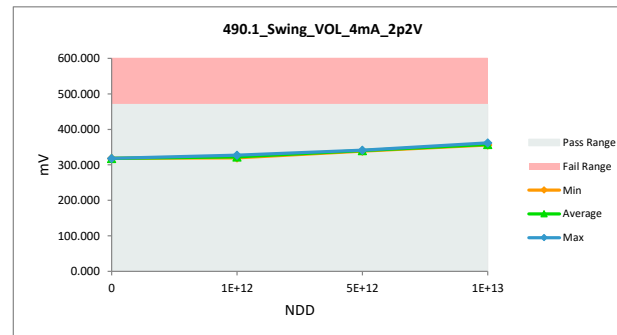


NDD Report
TLV1704-SEP

490.1_Swing_VOL_4mA_2p2V				
Unit		mV	mV	
Max Limit		470	470	
Min Limit		0.1	0.1	
NDD	Serial #	Pre	Post	Delta
1E+12	1	316.874	321.647	4.773
1E+12	2	322.831	327.065	4.234
1E+12	3	316.840	320.872	4.031
1E+12	4	317.153	321.614	4.462
1E+12	5	315.959	319.927	3.968
5E+12	6	319.088	341.340	22.252
5E+12	7	315.511	339.693	24.182
5E+12	8	316.252	338.908	22.656
5E+12	9	318.328	341.531	23.203
5E+12	10	320.750	338.393	17.643
1E+13	11	317.713	356.013	38.300
1E+13	12	318.967	356.615	37.647
1E+13	13	320.625	357.314	36.689
1E+13	14	318.331	361.924	43.593
1E+13	15	317.190	355.993	38.803
0	c1	323.042	318.326	-4.716
	Max	323.042	361.924	43.593
	Average	318.466	338.573	20.108
	Min	315.511	318.326	-4.716
	Std Dev	2.303	15.545	15.759

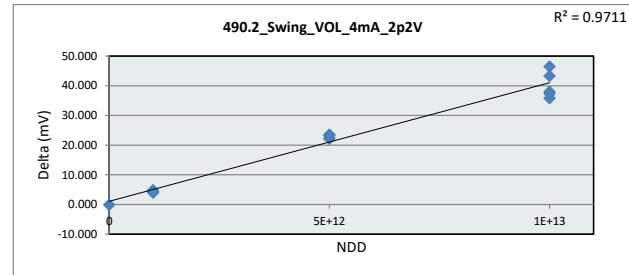


490.1_Swing_VOL_4mA_2p2V				
Max Limit		470	mV	
Min Limit		0.1	mV	
NDD	0	1E+12	5E+12	1E+13
LL	0.100	0.100	0.100	0.100
Min	318.326	319.927	338.393	355.993
Average	318.326	322.225	339.973	357.572
Max	318.326	327.065	341.531	361.924
UL	470.000	470.000	470.000	470.000

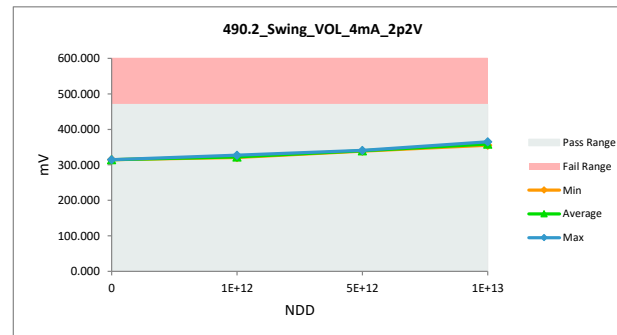


NDD Report
TLV1704-SEP

490.2_Swing_VOL_4mA_2p2V				
Unit		mV	mV	
Max Limit		470	470	
Min Limit		0.1	0.1	
NDD	Serial #	Pre	Post	Delta
1E+12	1	317.609	322.413	4.803
1E+12	2	323.108	327.208	4.099
1E+12	3	316.458	320.735	4.277
1E+12	4	317.680	321.915	4.235
1E+12	5	316.948	320.975	4.027
5E+12	6	317.994	340.347	22.353
5E+12	7	315.266	338.559	23.292
5E+12	8	315.321	338.809	23.487
5E+12	9	318.434	340.569	22.135
5E+12	10	316.156	339.486	23.330
1E+13	11	317.483	355.450	37.967
1E+13	12	318.422	364.892	46.470
1E+13	13	321.503	357.276	35.773
1E+13	14	316.853	360.147	43.294
1E+13	15	317.954	355.308	37.354
0	c1	314.706	314.556	-0.150
	Max	323.108	364.892	46.470
	Average	317.619	338.665	21.047
	Min	314.706	314.556	-0.150
	Std Dev	2.170	16.234	15.882

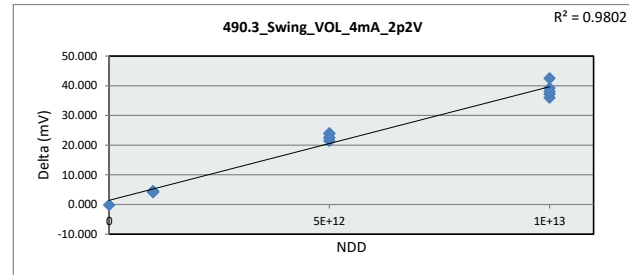


490.2_Swing_VOL_4mA_2p2V				
Max Limit		470	mV	
Min Limit		0.1	mV	
NDD	0	1E+12	5E+12	1E+13
LL	0.100	0.100	0.100	0.100
Min	314.556	320.735	338.559	355.308
Average	314.556	322.649	339.554	358.615
Max	314.556	327.208	340.569	364.893
UL	470.000	470.000	470.000	470.000

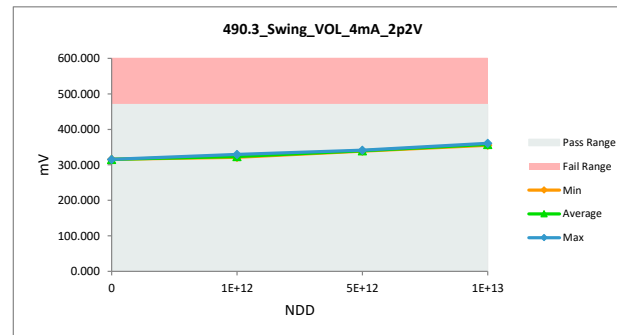


NDD Report
TLV1704-SEP

490.3_Swing_VOL_4mA_2p2V				
Unit		mV	mV	
Max Limit		470	470	
Min Limit		0.1	0.1	
NDD	Serial #	Pre	Post	Delta
1E+12	1	318.202	322.697	4.494
1E+12	2	324.836	329.212	4.377
1E+12	3	317.265	321.545	4.280
1E+12	4	319.182	323.391	4.209
1E+12	5	316.967	321.104	4.137
5E+12	6	318.666	341.153	22.487
5E+12	7	316.523	340.507	23.983
5E+12	8	314.861	338.694	23.833
5E+12	9	319.004	340.419	21.415
5E+12	10	316.635	339.054	22.419
1E+13	11	318.649	357.855	39.206
1E+13	12	319.946	357.169	37.224
1E+13	13	321.206	357.200	35.993
1E+13	14	318.238	360.756	42.518
1E+13	15	317.029	355.157	38.128
0	c1	315.761	315.575	-0.186
	Max	324.836	360.756	42.518
	Average	318.311	338.843	20.532
	Min	314.861	315.575	-0.186
	Std Dev	2.368	15.360	15.137

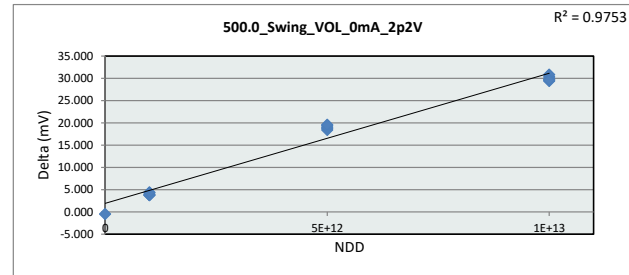


490.3_Swing_VOL_4mA_2p2V				
Max Limit		470	mV	
Min Limit		0.1	mV	
NDD	0	1E+12	5E+12	1E+13
LL	0.100	0.100	0.100	0.100
Min	315.575	321.104	338.694	355.157
Average	315.575	323.590	339.965	357.627
Max	315.575	329.212	341.153	360.756
UL	470.000	470.000	470.000	470.000

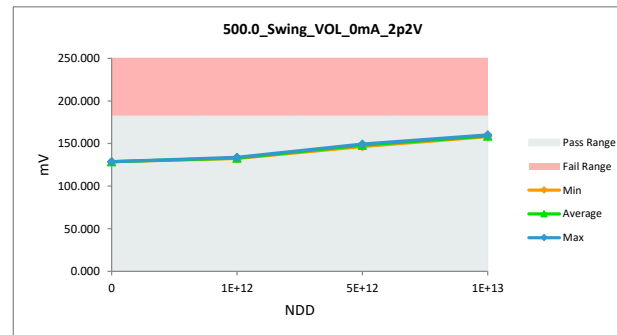


NDD Report
TLV1704-SEP

500.0_Swing_VOL_0mA_2p2V				
Unit		mV	mV	
Max Limit		182	182	
Min Limit		0.1	0.1	
NDD	Serial #	Pre	Post	Delta
1E+12	1	129.736	133.991	4.255
1E+12	2	128.723	132.524	3.801
1E+12	3	128.710	132.535	3.824
1E+12	4	128.824	132.553	3.729
1E+12	5	128.971	133.364	4.393
5E+12	6	129.519	148.252	18.733
5E+12	7	128.027	146.438	18.410
5E+12	8	127.970	147.337	19.366
5E+12	9	130.022	149.032	19.009
5E+12	10	129.942	149.522	19.580
1E+13	11	128.986	158.765	29.778
1E+13	12	128.777	158.170	29.393
1E+13	13	129.199	159.509	30.310
1E+13	14	129.327	160.150	30.823
1E+13	15	128.596	158.222	29.626
0	c1	129.198	128.694	-0.504
	Max	130.022	160.150	30.823
	Average	129.033	145.566	16.533
	Min	127.970	128.694	-0.504
	Std Dev	0.596	11.593	11.587

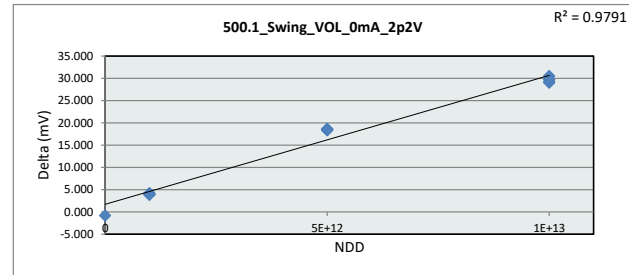


500.0_Swing_VOL_0mA_2p2V				
Max Limit		182	mV	
Min Limit		0.1	mV	
NDD	0	1E+12	5E+12	1E+13
LL	0.100	0.100	0.100	0.100
Min	128.694	132.524	146.438	158.170
Average	128.694	132.993	148.116	158.963
Max	128.694	133.991	149.522	160.150
UL	182.000	182.000	182.000	182.000

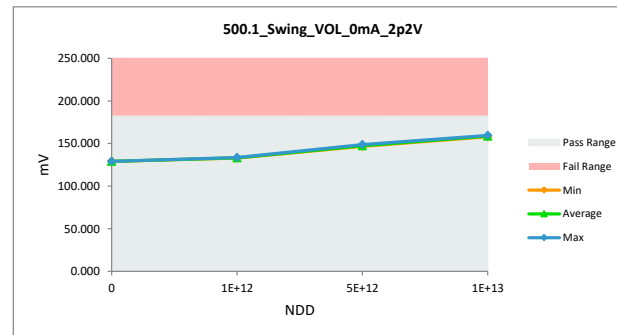


NDD Report
TLV1704-SEP

		500.1_Swing_VOL_0mA_2p2V		
Unit		mV	mV	
Max Limit		182	182	
Min Limit		0.1	0.1	
NDD	Serial #	Pre	Post	Delta
1E+12	1	129.029	133.212	4.183
1E+12	2	129.220	133.071	3.851
1E+12	3	129.901	133.667	3.767
1E+12	4	129.141	133.132	3.991
1E+12	5	129.197	133.086	3.889
5E+12	6	129.443	147.826	18.383
5E+12	7	128.571	146.938	18.366
5E+12	8	128.127	146.761	18.635
5E+12	9	130.240	148.693	18.453
5E+12	10	128.818	147.100	18.282
1E+13	11	129.182	158.398	29.215
1E+13	12	129.100	158.044	28.944
1E+13	13	129.513	159.161	29.648
1E+13	14	129.092	159.578	30.486
1E+13	15	128.742	158.498	29.756
0	c1	129.947	129.066	-0.881
	Max	130.240	159.578	30.486
	Average	129.204	145.390	16.185
	Min	128.127	129.066	-0.881
	Std Dev	0.532	11.319	11.458

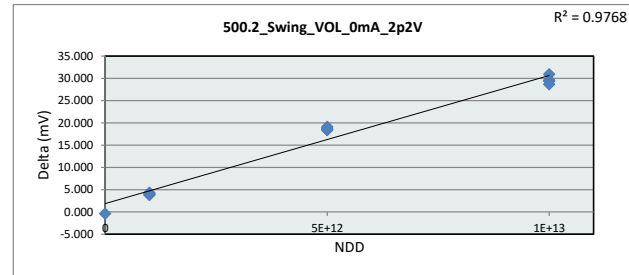


		500.1_Swing_VOL_0mA_2p2V			
Max Limit		182	mV		
Min Limit		0.1	mV		
NDD		0	1E+12	5E+12	1E+13
LL		0.100	0.100	0.100	0.100
Min		129.066	133.071	146.761	158.044
Average		129.066	133.234	147.464	158.736
Max		129.066	133.668	148.694	159.578
UL		182.000	182.000	182.000	182.000

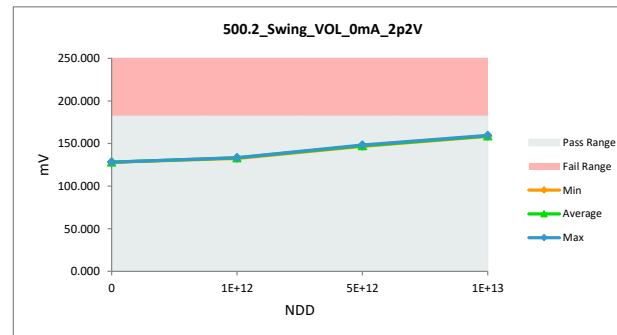


NDD Report
TLV1704-SEP

		500.2_Swing_VOL_0mA_2p2V		
Unit		mV	mV	
Max Limit		182	182	
Min Limit		0.1	0.1	
NDD	Serial #	Pre	Post	Delta
1E+12	1	129.170	133.425	4.256
1E+12	2	128.817	132.564	3.747
1E+12	3	129.219	133.184	3.964
1E+12	4	129.310	133.275	3.966
1E+12	5	129.663	133.526	3.863
5E+12	6	129.416	147.746	18.329
5E+12	7	128.351	146.783	18.432
5E+12	8	128.252	147.296	19.044
5E+12	9	129.798	148.247	18.450
5E+12	10	128.705	147.455	18.750
1E+13	11	129.095	158.498	29.402
1E+13	12	129.397	158.908	29.511
1E+13	13	129.796	159.149	29.353
1E+13	14	128.741	159.599	30.858
1E+13	15	129.942	158.546	28.603
0	c1	128.592	128.135	-0.457
	Max	129.942	159.599	30.858
	Average	129.142	145.396	16.254
	Min	128.252	128.135	-0.457
	Std Dev	0.524	11.502	11.399

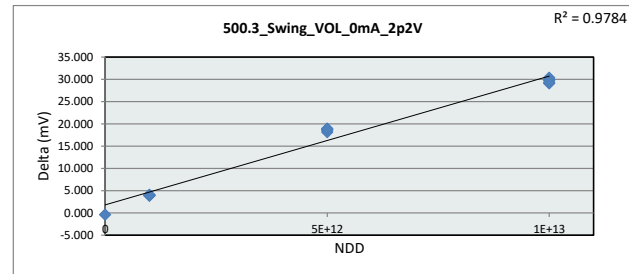


		500.2_Swing_VOL_0mA_2p2V			
Max Limit		182	mV		
Min Limit		0.1	mV		
NDD		0	1E+12	5E+12	1E+13
LL		0.100	0.100	0.100	0.100
Min		128.135	132.564	146.783	158.498
Average		128.135	133.195	147.505	158.940
Max		128.135	133.526	148.247	159.599
UL		182.000	182.000	182.000	182.000

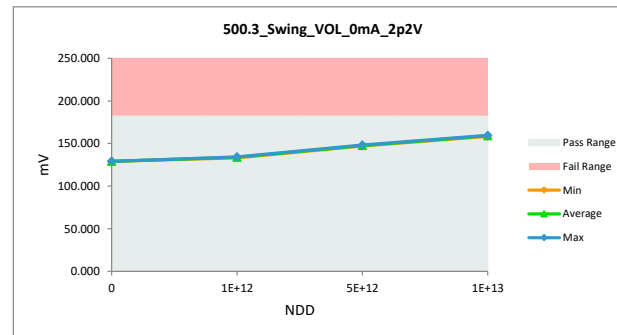


NDD Report
TLV1704-SEP

500.3_Swing_VOL_0mA_2p2V				
Unit		mV	mV	
Max Limit		182	182	
Min Limit		0.1	0.1	
NDD	Serial #	Pre	Post	Delta
1E+12	1	130.453	134.383	3.930
1E+12	2	130.162	134.032	3.871
1E+12	3	129.402	133.298	3.896
1E+12	4	130.197	134.001	3.805
1E+12	5	129.542	133.545	4.003
5E+12	6	129.510	148.236	18.726
5E+12	7	128.864	147.366	18.502
5E+12	8	128.340	147.232	18.892
5E+12	9	129.760	147.849	18.088
5E+12	10	129.082	147.816	18.734
1E+13	11	129.417	159.329	29.913
1E+13	12	129.931	158.971	29.041
1E+13	13	129.635	159.337	29.702
1E+13	14	129.352	159.660	30.308
1E+13	15	129.174	158.431	29.257
0	c1	129.567	129.125	-0.441
	Max	130.453	159.660	30.308
	Average	129.524	145.788	16.264
	Min	128.340	129.125	-0.441
	Std Dev	0.527	11.263	11.451

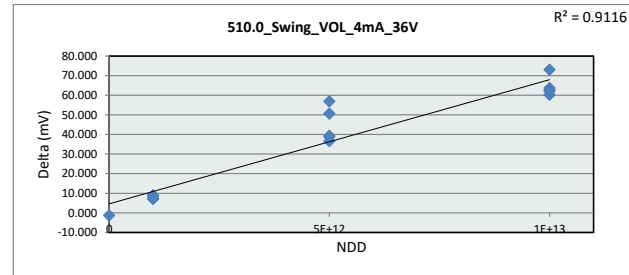


500.3_Swing_VOL_0mA_2p2V				
Max Limit		182	mV	
Min Limit		0.1	mV	
NDD	0	1E+12	5E+12	1E+13
LL	0.100	0.100	0.100	0.100
Min	129.125	133.298	147.232	158.431
Average	129.125	133.852	147.700	159.146
Max	129.125	134.383	148.236	159.660
UL	182.000	182.000	182.000	182.000

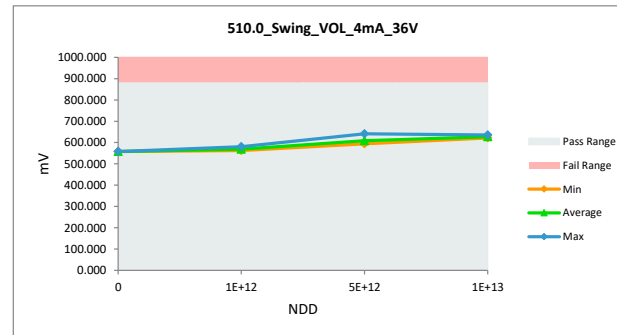


NDD Report
TLV1704-SEP

510.0_Swing_VOL_4mA_36V				
Unit		mV	mV	
Max Limit		880	880	
Min Limit		0.1	0.1	
NDD	Serial #	Pre	Post	Delta
1E+12	1	560.007	568.786	8.778
1E+12	2	573.781	580.859	7.078
1E+12	3	558.143	566.817	8.674
1E+12	4	559.781	566.819	7.038
1E+12	5	555.128	562.449	7.320
5E+12	6	561.731	598.260	36.529
5E+12	7	557.010	595.779	38.770
5E+12	8	554.482	593.745	39.262
5E+12	9	561.447	611.938	50.491
5E+12	10	584.417	641.162	56.745
1E+13	11	560.636	624.167	63.530
1E+13	12	563.589	626.054	62.464
1E+13	13	569.688	629.843	60.155
1E+13	14	562.420	635.414	72.994
1E+13	15	559.589	621.658	62.069
0	c1	559.159	557.771	-1.387
	Max	584.417	641.162	72.994
	Average	562.563	598.845	36.282
	Min	554.482	557.771	-1.387
	Std Dev	7.601	28.854	25.988

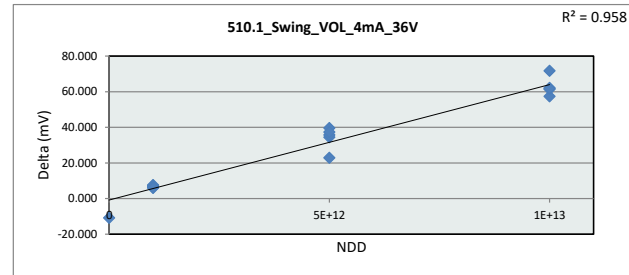


510.0_Swing_VOL_4mA_36V				
Max Limit	880	mV		
Min Limit	0.1	mV		
NDD	0	1E+12	5E+12	1E+13
LL	0.100	0.100	0.100	0.100
Min	557.771	562.449	593.745	621.658
Average	557.771	569.146	608.177	627.427
Max	557.771	580.860	641.162	635.414
UL	880.000	880.000	880.000	880.000

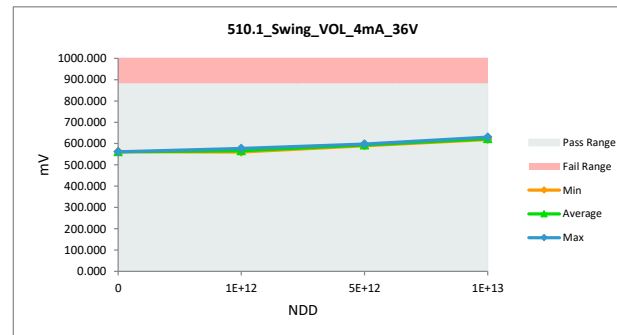


NDD Report
TLV1704-SEP

510.1_Swing_VOL_4mA_36V				
Unit		mV	mV	
Max Limit		880	880	
Min Limit		0.1	0.1	
NDD	Serial #	Pre	Post	Delta
1E+12	1	557.730	565.132	7.402
1E+12	2	570.358	577.130	6.773
1E+12	3	556.103	562.262	6.159
1E+12	4	557.670	564.588	6.918
1E+12	5	554.418	560.286	5.869
5E+12	6	560.489	594.774	34.286
5E+12	7	553.696	593.134	39.438
5E+12	8	556.583	592.169	35.586
5E+12	9	560.391	597.577	37.186
5E+12	10	567.264	589.979	22.715
1E+13	11	558.128	620.123	61.996
1E+13	12	560.815	622.065	61.250
1E+13	13	563.944	621.232	57.287
1E+13	14	558.700	630.294	71.594
1E+13	15	557.390	618.991	61.601
0	c1	572.166	561.230	-10.936
	Max	572.166	630.294	71.594
	Average	560.365	591.935	31.570
	Min	553.696	560.286	-10.936
	Std Dev	5.434	24.926	25.932

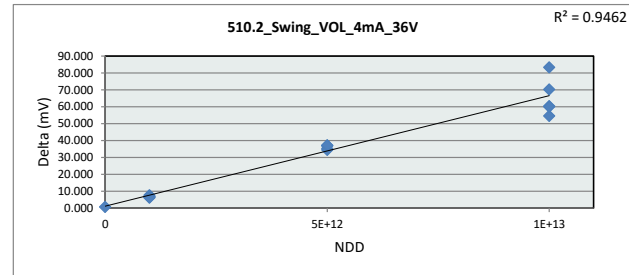


510.1_Swing_VOL_4mA_36V				
Max Limit	880	mV		
Min Limit	0.1	mV		
NDD	0	1E+12	5E+12	1E+13
LL	0.100	0.100	0.100	0.100
Min	561.230	560.286	589.979	618.991
Average	561.230	565.880	593.527	622.541
Max	561.230	577.130	597.577	630.294
UL	880.000	880.000	880.000	880.000

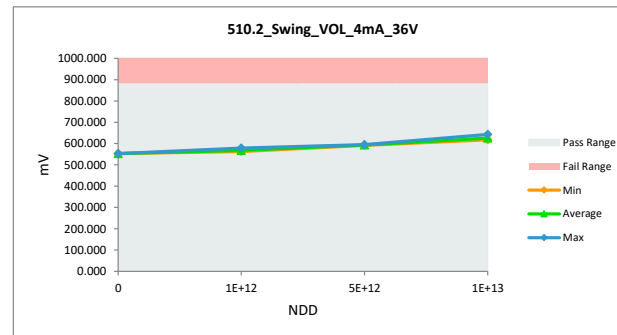


NDD Report
TLV1704-SEP

510.2_Swing_VOL_4mA_36V				
Unit		mV	mV	
Max Limit		880	880	
Min Limit		0.1	0.1	
NDD	Serial #	Pre	Post	Delta
1E+12	1	560.416	567.856	7.441
1E+12	2	572.589	579.137	6.548
1E+12	3	556.560	563.167	6.607
1E+12	4	559.301	565.616	6.316
1E+12	5	556.335	562.248	5.913
5E+12	6	558.416	593.514	35.099
5E+12	7	554.934	591.765	36.830
5E+12	8	554.257	591.014	36.758
5E+12	9	561.130	595.453	34.323
5E+12	10	556.512	593.552	37.040
1E+13	11	557.385	617.595	60.210
1E+13	12	559.558	642.791	83.233
1E+13	13	567.052	621.450	54.398
1E+13	14	556.976	627.054	70.078
1E+13	15	559.307	619.212	59.905
0	c1	552.388	552.893	0.506
	Max	572.589	642.791	83.233
	Average	558.945	592.770	33.825
	Min	552.388	552.893	0.506
	Std Dev	4.937	26.795	26.346

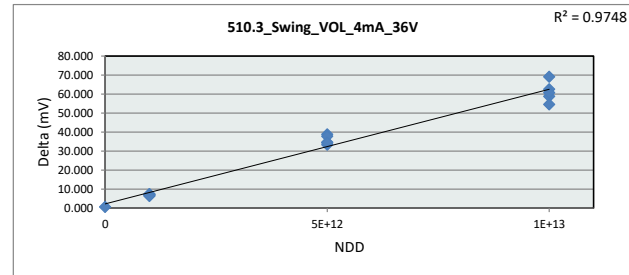


510.2_Swing_VOL_4mA_36V				
Max Limit	880	mV		
Min Limit	0.1	mV		
NDD	0	1E+12	5E+12	1E+13
LL	0.100	0.100	0.100	0.100
Min	552.893	562.248	591.014	617.595
Average	552.893	567.605	593.060	625.620
Max	552.893	579.137	595.453	642.791
UL	880.000	880.000	880.000	880.000

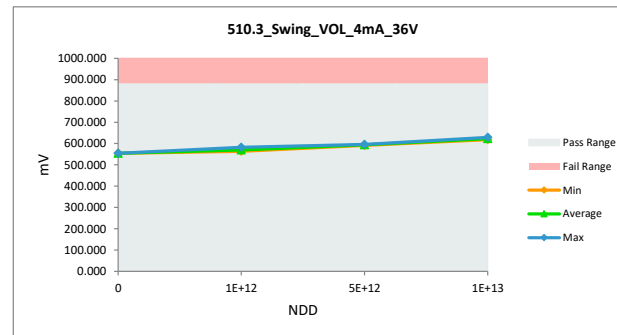


NDD Report
TLV1704-SEP

510.3_Swing_VOL_4mA_36V				
Unit		mV	mV	
Max Limit		880	880	
Min Limit		0.1	0.1	
NDD	Serial #	Pre	Post	Delta
1E+12	1	560.737	567.878	7.141
1E+12	2	575.303	582.479	7.176
1E+12	3	558.370	565.274	6.904
1E+12	4	562.737	569.148	6.412
1E+12	5	556.863	563.041	6.179
5E+12	6	560.923	595.396	34.474
5E+12	7	557.218	595.862	38.644
5E+12	8	553.393	591.040	37.647
5E+12	9	562.432	595.626	33.195
5E+12	10	557.135	591.389	34.254
1E+13	11	561.188	623.562	62.374
1E+13	12	563.599	622.238	58.639
1E+13	13	566.553	621.031	54.478
1E+13	14	560.034	629.032	68.998
1E+13	15	557.714	618.322	60.608
0	c1	553.813	554.291	0.478
	Max	575.303	629.032	68.998
	Average	560.501	592.851	32.350
	Min	553.393	554.291	0.478
	Std Dev	5.278	24.517	23.931

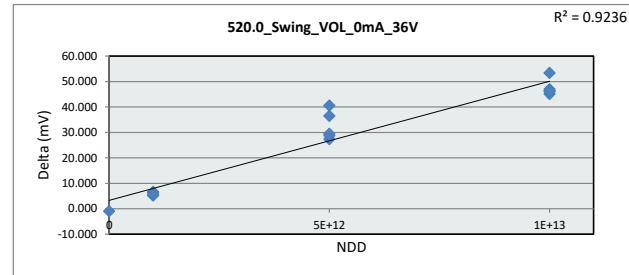


510.3_Swing_VOL_4mA_36V				
Max Limit		880	mV	
Min Limit		0.1	mV	
NDD	0	1E+12	5E+12	1E+13
LL	0.100	0.100	0.100	0.100
Min	554.291	563.041	591.040	618.322
Average	554.291	569.564	593.863	622.837
Max	554.291	582.479	595.862	629.032
UL	880.000	880.000	880.000	880.000

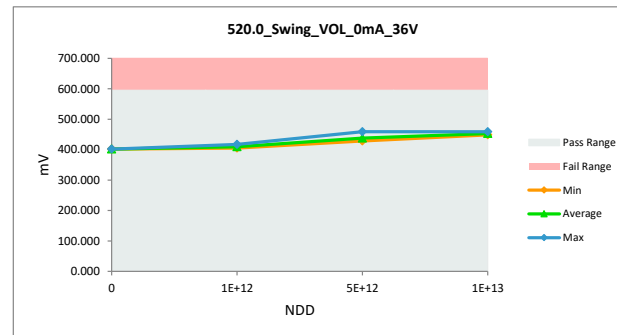


NDD Report
TLV1704-SEP

		520.0_Swing_VOL_0mA_36V		
Unit		mV	mV	
Max Limit		595	595	
Min Limit		0.1	0.1	
NDD	Serial #	Pre	Post	Delta
1E+12	1	402.941	409.413	6.472
1E+12	2	411.932	417.109	5.177
1E+12	3	401.949	408.260	6.310
1E+12	4	402.786	408.023	5.237
1E+12	5	399.591	405.182	5.591
5E+12	6	404.409	431.675	27.267
5E+12	7	400.973	429.679	28.707
5E+12	8	399.178	428.516	29.338
5E+12	9	403.614	439.978	36.363
5E+12	10	418.557	458.990	40.433
1E+13	11	404.055	450.959	46.903
1E+13	12	405.899	452.013	46.114
1E+13	13	409.396	454.367	44.971
1E+13	14	405.437	458.700	53.263
1E+13	15	402.473	448.541	46.068
0	c1	402.751	401.695	-1.056
	Max	418.557	458.990	53.263
	Average	404.746	431.444	26.697
	Min	399.178	401.695	-1.056
	Std Dev	4.923	20.912	19.075

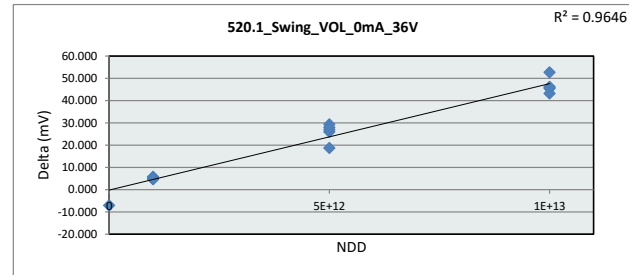


		520.0_Swing_VOL_0mA_36V		
Max Limit		595	mV	
Min Limit		0.1	mV	
NDD	0	1E+12	5E+12	1E+13
LL	0.100	0.100	0.100	0.100
Min	401.695	405.182	428.516	448.541
Average	401.695	409.597	437.768	452.916
Max	401.695	417.109	458.990	458.700
UL	595.000	595.000	595.000	595.000

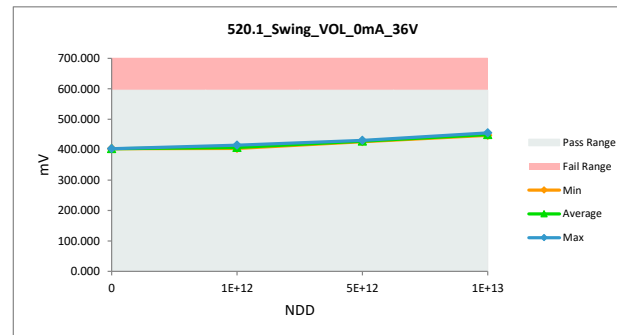


NDD Report
TLV1704-SEP

		520.1_Swing_VOL_0mA_36V		
Unit		mV	mV	
Max Limit		595	595	
Min Limit		0.1	0.1	
NDD	Serial #	Pre	Post	Delta
1E+12	1	400.736	406.366	5.630
1E+12	2	409.504	414.540	5.036
1E+12	3	400.063	404.794	4.731
1E+12	4	401.017	406.204	5.188
1E+12	5	399.050	403.632	4.582
5E+12	6	403.374	429.250	25.876
5E+12	7	398.523	427.738	29.215
5E+12	8	400.274	427.088	26.814
5E+12	9	402.517	430.391	27.875
5E+12	10	407.116	425.753	18.637
1E+13	11	401.591	447.581	45.991
1E+13	12	403.592	448.957	45.365
1E+13	13	405.812	448.907	43.095
1E+13	14	402.491	455.051	52.560
1E+13	15	400.999	446.919	45.919
0	c1	410.226	403.087	-7.139
	Max	410.226	455.051	52.560
	Average	402.930	426.641	23.711
	Min	398.523	403.087	-7.139
	Std Dev	3.531	18.638	19.063

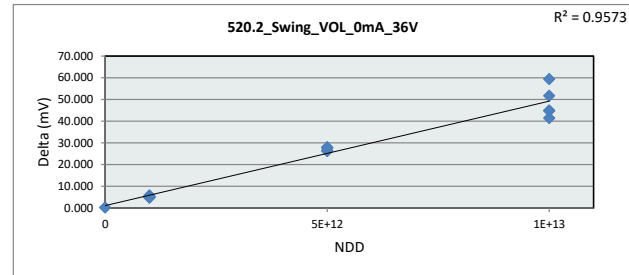


		520.1_Swing_VOL_0mA_36V		
Max Limit		595	mV	
Min Limit		0.1	mV	
NDD	0	1E+12	5E+12	1E+13
LL	0.100	0.100	0.100	0.100
Min	403.087	403.632	425.753	446.919
Average	403.087	407.107	428.044	449.483
Max	403.087	414.540	430.391	455.051
UL	595.000	595.000	595.000	595.000

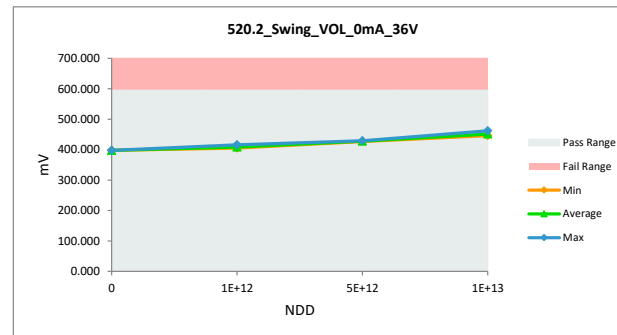


NDD Report
TLV1704-SEP

		520.2_Swing_VOL_0mA_36V		
Unit		mV	mV	
Max Limit		595	595	
Min Limit		0.1	0.1	
NDD	Serial #	Pre	Post	Delta
1E+12	1	402.290	407.954	5.664
1E+12	2	410.701	415.591	4.890
1E+12	3	400.016	405.065	5.050
1E+12	4	401.932	406.838	4.906
1E+12	5	400.461	405.087	4.626
5E+12	6	401.811	428.181	26.371
5E+12	7	398.685	426.335	27.651
5E+12	8	398.563	426.400	27.837
5E+12	9	402.982	429.096	26.114
5E+12	10	399.995	427.841	27.846
1E+13	11	401.320	446.107	44.787
1E+13	12	402.637	461.915	59.278
1E+13	13	407.353	448.655	41.302
1E+13	14	400.706	452.314	51.608
1E+13	15	402.193	446.909	44.716
0	c1	397.496	397.649	0.153
	Max	410.701	461.915	59.278
	Average	401.821	426.996	25.175
	Min	397.496	397.649	0.153
	Std Dev	3.276	19.697	19.265

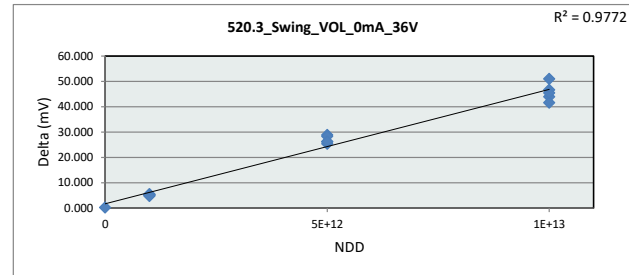


		520.2_Swing_VOL_0mA_36V			
Max Limit		595	mV		
Min Limit		0.1	mV		
NDD		0	1E+12	5E+12	1E+13
LL		0.100	0.100	0.100	0.100
Min		397.649	405.066	426.335	446.107
Average		397.649	408.107	427.571	451.180
Max		397.649	415.592	429.096	461.915
UL		595.000	595.000	595.000	595.000

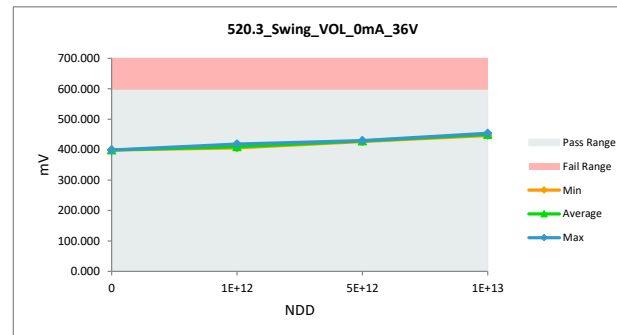


NDD Report
TLV1704-SEP

		520.3_Swing_VOL_0mA_36V		
Unit		mV	mV	
Max Limit		595	595	
Min Limit		0.1	0.1	
NDD	Serial #	Pre	Post	Delta
1E+12	1	402.850	408.215	5.365
1E+12	2	413.044	418.348	5.304
1E+12	3	401.507	406.649	5.141
1E+12	4	404.345	409.261	4.916
1E+12	5	401.059	405.745	4.686
5E+12	6	403.498	429.612	26.114
5E+12	7	400.644	429.443	28.799
5E+12	8	398.098	426.335	28.237
5E+12	9	404.160	429.425	25.265
5E+12	10	400.682	426.776	26.094
1E+13	11	403.710	450.292	46.582
1E+13	12	405.342	449.180	43.838
1E+13	13	407.344	448.855	41.511
1E+13	14	402.998	453.907	50.909
1E+13	15	401.207	446.563	45.356
0	c1	398.659	398.770	0.111
	Max	413.044	453.907	50.909
	Average	403.072	427.336	24.264
	Min	398.098	398.770	0.111
	Std Dev	3.579	18.333	17.890

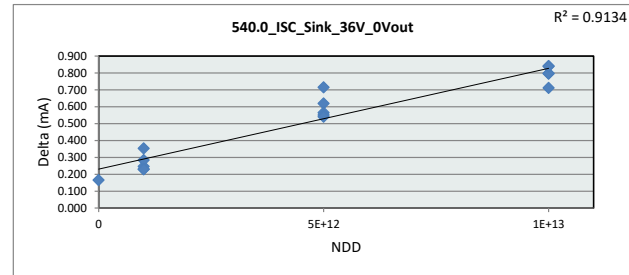


		520.3_Swing_VOL_0mA_36V		
Max Limit		595	mV	
Min Limit		0.1	mV	
NDD	0	1E+12	5E+12	1E+13
LL	0.100	0.100	0.100	0.100
Min	398.770	405.745	426.335	446.563
Average	398.770	409.643	428.318	449.759
Max	398.770	418.348	429.612	453.907
UL	595.000	595.000	595.000	595.000

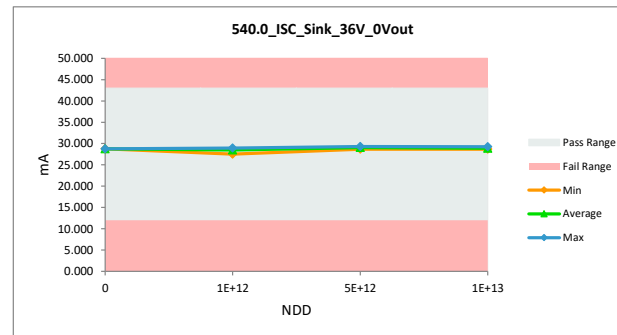


NDD Report
TLV1704-SEP

		540.0_ISC_Sink_36V_0Vout		
Unit		mA	mA	
Max Limit		43	43	
Min Limit		12	12	
NDD	Serial #	Pre	Post	Delta
1E+12	1	27.993	28.237	0.245
1E+12	2	27.237	27.520	0.283
1E+12	3	28.628	28.858	0.229
1E+12	4	28.580	28.931	0.351
1E+12	5	28.685	28.913	0.228
5E+12	6	28.191	28.809	0.618
5E+12	7	28.676	29.240	0.564
5E+12	8	28.705	29.254	0.549
5E+12	9	27.947	28.660	0.714
5E+12	10	28.764	29.303	0.539
1E+13	11	28.176	28.970	0.794
1E+13	12	27.826	28.666	0.840
1E+13	13	27.887	28.684	0.797
1E+13	14	28.091	28.929	0.838
1E+13	15	28.539	29.250	0.711
0	c1	28.600	28.764	0.164
	Max	28.764	29.303	0.840
	Average	28.283	28.812	0.529
	Min	27.237	27.520	0.164
	Std Dev	0.433	0.443	0.245

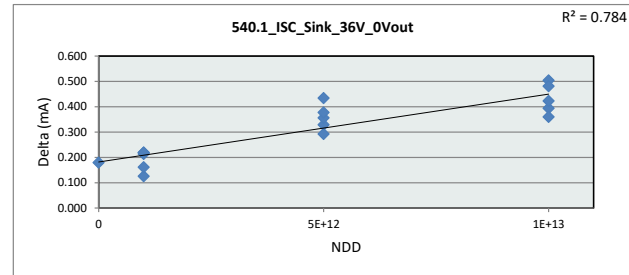


		540.0_ISC_Sink_36V_0Vout		
Max Limit		43	mA	
Min Limit		12	mA	
NDD	0	1E+12	5E+12	1E+13
LL	12.000	12.000	12.000	12.000
Min	28.764	27.520	28.661	28.666
Average	28.764	28.492	29.053	28.900
Max	28.764	28.931	29.303	29.250
UL	43.000	43.000	43.000	43.000

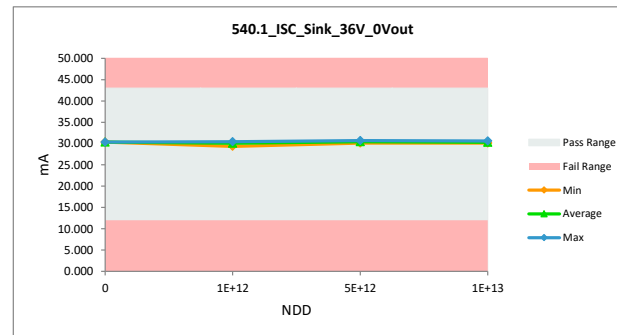


NDD Report
TLV1704-SEP

540.1_ISC_Sink_36V_0Vout				
Unit		mA	mA	
Max Limit		43	43	
Min Limit		12	12	
NDD	Serial #	Pre	Post	Delta
1E+12	1	29.864	29.988	0.124
1E+12	2	29.120	29.333	0.212
1E+12	3	30.127	30.345	0.218
1E+12	4	30.071	30.289	0.218
1E+12	5	30.253	30.413	0.160
5E+12	6	29.878	30.206	0.328
5E+12	7	30.345	30.700	0.355
5E+12	8	30.274	30.566	0.292
5E+12	9	29.699	30.132	0.434
5E+12	10	30.156	30.533	0.377
1E+13	11	29.721	30.114	0.393
1E+13	12	29.641	30.144	0.503
1E+13	13	29.794	30.275	0.481
1E+13	14	29.862	30.222	0.359
1E+13	15	30.185	30.606	0.422
0	c1	30.164	30.343	0.178
	Max	30.345	30.700	0.503
	Average	29.947	30.263	0.316
	Min	29.120	29.333	0.124
	Std Dev	0.315	0.317	0.119

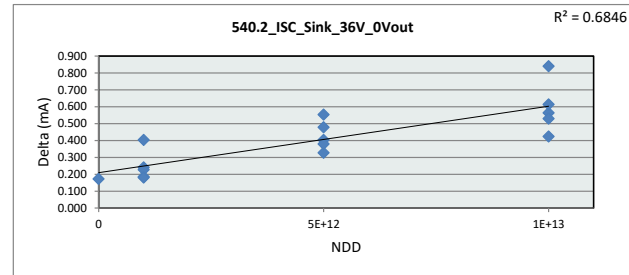


540.1_ISC_Sink_36V_0Vout				
Max Limit	43	mA		
Min Limit	12	mA		
NDD	0	1E+12	5E+12	1E+13
LL	12.000	12.000	12.000	12.000
Min	30.343	29.333	30.132	30.114
Average	30.343	30.073	30.427	30.272
Max	30.343	30.413	30.700	30.606
UL	43.000	43.000	43.000	43.000

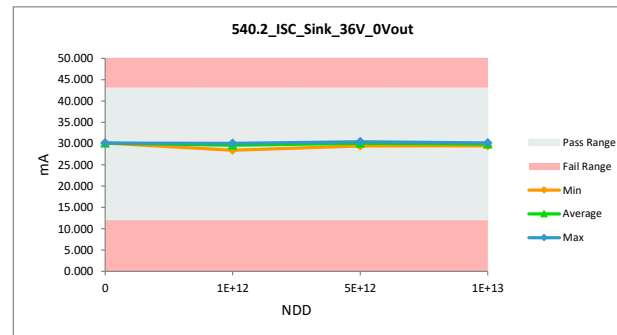


NDD Report TLV1704-SEP

540.2_ISC_Sink_36V_0Vout				
Unit		mA	mA	
Max Limit		43	43	
Min Limit		12	12	
NDD	Serial #	Pre	Post	Delta
1E+12	1	29.135	29.537	0.402
1E+12	2	28.197	28.435	0.239
1E+12	3	29.794	29.978	0.184
1E+12	4	29.826	30.052	0.226
1E+12	5	29.843	30.022	0.179
5E+12	6	29.372	29.850	0.477
5E+12	7	30.020	30.422	0.402
5E+12	8	29.893	30.219	0.326
5E+12	9	28.904	29.456	0.552
5E+12	10	29.903	30.281	0.378
1E+13	11	29.329	29.891	0.562
1E+13	12	29.139	29.751	0.613
1E+13	13	28.970	29.498	0.528
1E+13	14	29.336	30.175	0.839
1E+13	15	29.745	30.167	0.422
0	c1	29.948	30.119	0.171
	Max	30.020	30.422	0.839
	Average	29.460	29.866	0.406
	Min	28.197	28.435	0.171
	Std Dev	0.504	0.476	0.186

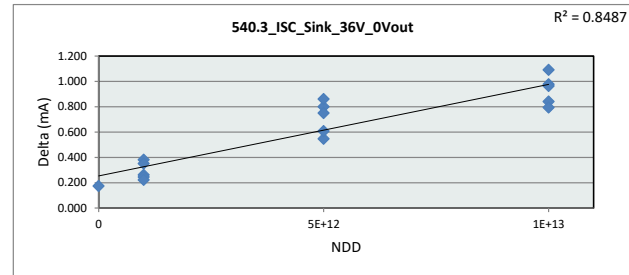


540.2_ISC_Sink_36V_0Vout				
Max Limit	43	mA		
Min Limit	12	mA		
NDD	0	1E+12	5E+12	1E+13
LL	12.000	12.000	12.000	12.000
Min	30.119	28.436	29.456	29.498
Average	30.119	29.605	30.046	29.897
Max	30.119	30.052	30.422	30.175
UL	43.000	43.000	43.000	43.000

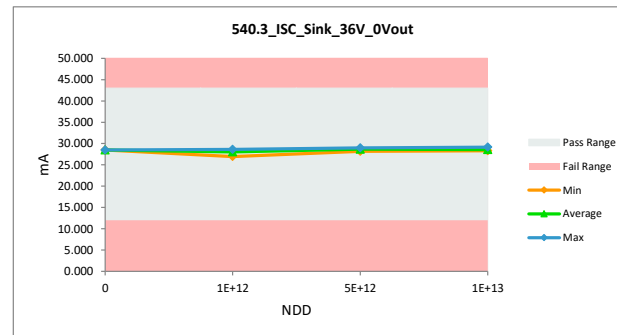


NDD Report
TLV1704-SEP

540.3_ISC_Sink_36V_0Vout				
Unit		mA	mA	
Max Limit		43	43	
Min Limit		12	12	
NDD	Serial #	Pre	Post	Delta
1E+12	1	27.354	27.613	0.260
1E+12	2	26.563	26.942	0.380
1E+12	3	28.223	28.467	0.244
1E+12	4	28.215	28.565	0.350
1E+12	5	28.382	28.603	0.221
5E+12	6	27.611	28.410	0.799
5E+12	7	28.205	28.953	0.747
5E+12	8	28.458	29.004	0.545
5E+12	9	27.292	28.151	0.859
5E+12	10	28.318	28.923	0.605
1E+13	11	27.662	28.501	0.839
1E+13	12	27.224	28.313	1.089
1E+13	13	27.445	28.421	0.976
1E+13	14	27.586	28.548	0.962
1E+13	15	28.351	29.144	0.793
0	c1	28.315	28.486	0.172
	Max	28.458	29.144	1.089
	Average	27.825	28.440	0.615
	Min	26.563	26.942	0.172
	Std Dev	0.557	0.541	0.307

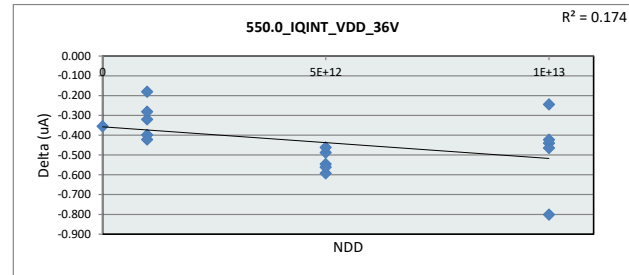


540.3_ISC_Sink_36V_0Vout				
Max Limit		43	mA	
Min Limit		12	mA	
NDD	0	1E+12	5E+12	1E+13
LL	12.000	12.000	12.000	12.000
Min	28.486	26.943	28.151	28.313
Average	28.486	28.038	28.688	28.586
Max	28.486	28.603	29.004	29.144
UL	43.000	43.000	43.000	43.000

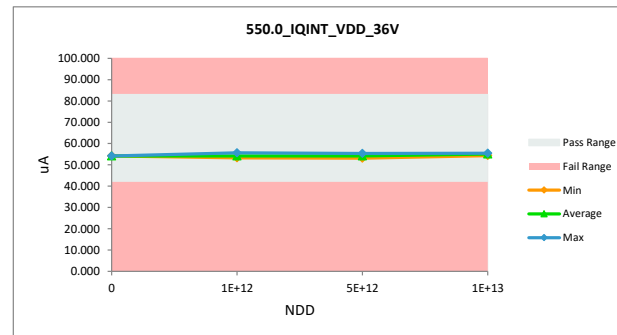


NDD Report
TLV1704-SEP

		550.0_IQINT_VDD_36V		
Unit		uA	uA	
Max Limit		83	83	
Min Limit		42	42	
NDD	Serial #	Pre	Post	Delta
1E+12	1	53.496	53.314	-0.182
1E+12	2	56.056	55.657	-0.400
1E+12	3	54.462	54.141	-0.321
1E+12	4	54.604	54.181	-0.423
1E+12	5	54.088	53.806	-0.283
5E+12	6	55.832	55.343	-0.489
5E+12	7	54.898	54.436	-0.462
5E+12	8	54.642	54.094	-0.548
5E+12	9	53.727	53.132	-0.594
5E+12	10	54.578	54.015	-0.563
1E+13	11	55.611	55.170	-0.441
1E+13	12	55.962	55.160	-0.802
1E+13	13	55.708	55.462	-0.245
1E+13	14	55.705	55.240	-0.466
1E+13	15	54.748	54.324	-0.424
0	c1	54.520	54.164	-0.356
	Max	56.056	55.657	-0.182
	Average	54.915	54.477	-0.437
	Min	53.496	53.132	-0.802
	Std Dev	0.807	0.772	0.150

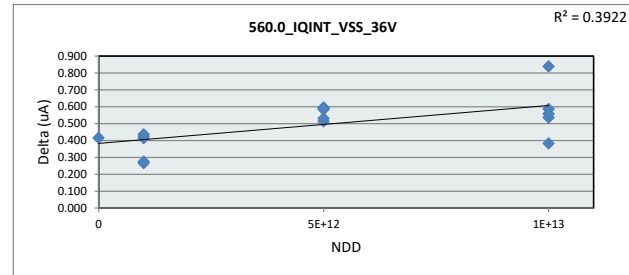


		550.0_IQINT_VDD_36V				
Max Limit		83	uA			
Min Limit		42	uA			
NDD	0	1E+12	5E+12	1E+13		
LL	42.000	42.000	42.000	42.000		
Min	54.164	53.314	53.133	54.324		
Average	54.164	54.220	54.204	55.071		
Max	54.164	55.657	55.343	55.462		
UL	83.000	83.000	83.000	83.000		

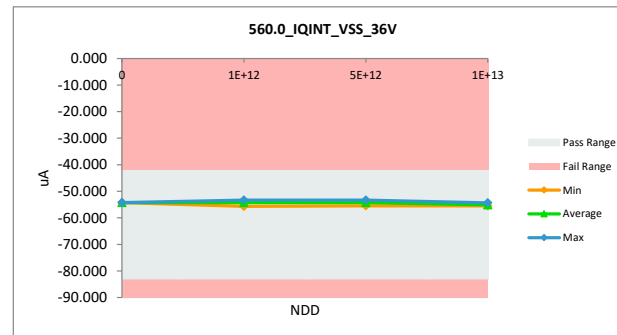


NDD Report
TLV1704-SEP

560.0_IQINT_VSS_36V				
Unit		uA		
Max Limit		-42		-42
Min Limit		-83		-83
NDD	Serial #	Pre	Post	Delta
1E+12	1	-53.605	-53.341	0.264
1E+12	2	-56.105	-55.683	0.423
1E+12	3	-54.614	-54.202	0.412
1E+12	4	-54.678	-54.243	0.435
1E+12	5	-54.241	-53.968	0.273
5E+12	6	-56.015	-55.504	0.512
5E+12	7	-55.040	-54.458	0.583
5E+12	8	-54.711	-54.117	0.594
5E+12	9	-53.851	-53.322	0.529
5E+12	10	-54.631	-54.043	0.589
1E+13	11	-55.789	-55.204	0.585
1E+13	12	-56.037	-55.200	0.837
1E+13	13	-55.874	-55.493	0.381
1E+13	14	-55.801	-55.266	0.535
1E+13	15	-54.916	-54.360	0.556
0	c1	-54.688	-54.273	0.415
	Max	-53.605	-53.322	0.837
	Average	-55.037	-54.542	0.495
	Min	-56.105	-55.683	0.264
	Std Dev	0.806	0.754	0.140

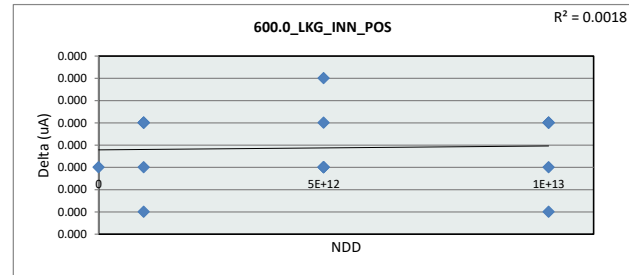


560.0_IQINT_VSS_36V				
Max Limit		-42		uA
Min Limit		-83		uA
NDD	0	1E+12	5E+12	1E+13
LL	-83.000	-83.000	-83.000	-83.000
Min	-54.273	-55.683	-55.504	-55.493
Average	-54.273	-54.288	-54.289	-55.105
Max	-54.273	-53.341	-53.322	-54.360
UL	-42.000	-42.000	-42.000	-42.000

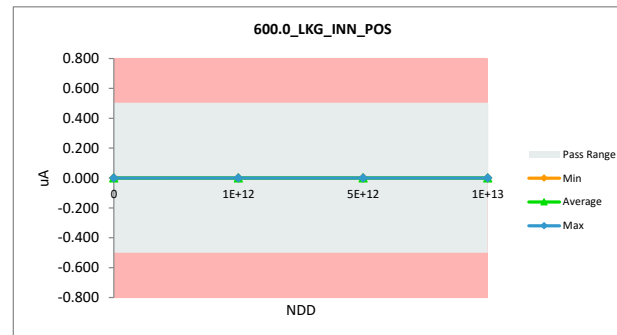


NDD Report
TLV1704-SEP

600.0_LKG_INN_POS				
Unit		uA	uA	
Max Limit		0.5	0.5	
Min Limit		-0.5	-0.5	
NDD	Serial #	Pre	Post	Delta
1E+12	1	0.000	0.000	0.000
1E+12	2	0.000	0.000	0.000
1E+12	3	0.000	0.000	0.000
1E+12	4	0.000	0.000	0.000
1E+12	5	0.000	0.000	0.000
5E+12	6	0.000	0.000	0.000
5E+12	7	0.000	0.000	0.000
5E+12	8	0.000	0.000	0.000
5E+12	9	0.000	0.000	0.000
5E+12	10	0.000	0.000	0.000
1E+13	11	0.000	0.000	0.000
1E+13	12	0.000	0.000	0.000
1E+13	13	0.000	0.000	0.000
1E+13	14	0.000	0.000	0.000
1E+13	15	0.000	0.000	0.000
0	c1	0.000	0.000	0.000
	Max	0.000	0.000	0.000
	Average	0.000	0.000	0.000
	Min	0.000	0.000	0.000
	Std Dev	0.000	0.000	0.000

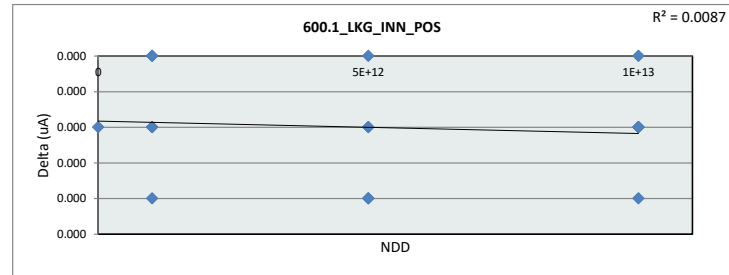


600.0_LKG_INN_POS				
Max Limit	0.5	uA		
Min Limit	-0.5	uA		
NDD	0	1E+12	5E+12	1E+13
LL	-0.500	-0.500	-0.500	-0.500
Min	0.000	0.000	0.000	0.000
Average	0.000	0.000	0.000	0.000
Max	0.000	0.000	0.000	0.000
UL	0.500	0.500	0.500	0.500

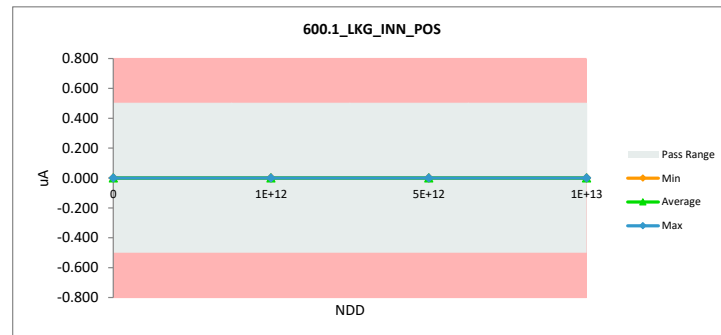


NDD Report
TLV1704-SEP

		600.1_LKG_INN_POS		
Unit		uA	uA	
Max Limit		0.5	0.5	
Min Limit		-0.5	-0.5	
NDD	Serial #	Pre	Post	Delta
1E+12	1	0.000	0.000	0.000
1E+12	2	0.000	0.000	0.000
1E+12	3	0.000	0.000	0.000
1E+12	4	0.000	0.000	0.000
1E+12	5	0.000	0.000	0.000
5E+12	6	0.000	0.000	0.000
5E+12	7	0.000	0.000	0.000
5E+12	8	0.000	0.000	0.000
5E+12	9	0.000	0.000	0.000
5E+12	10	0.000	0.000	0.000
1E+13	11	0.000	0.000	0.000
1E+13	12	0.000	0.000	0.000
1E+13	13	0.000	0.000	0.000
1E+13	14	0.000	0.000	0.000
1E+13	15	0.000	0.000	0.000
0	c1	0.000	0.000	0.000
	Max	0.000	0.000	0.000
	Average	0.000	0.000	0.000
	Min	0.000	0.000	0.000
	Std Dev	0.000	0.000	0.000

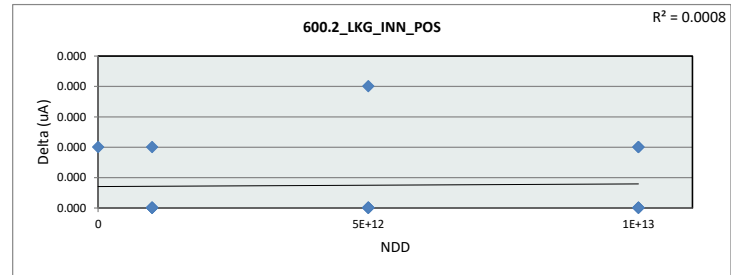


		600.1_LKG_INN_POS		
Max Limit		0.5	uA	
Min Limit		-0.5	uA	
NDD	0	1E+12	5E+12	1E+13
LL	-0.500	-0.500	-0.500	-0.500
Min	0.000	0.000	0.000	0.000
Average	0.000	0.000	0.000	0.000
Max	0.000	0.000	0.000	0.000
UL	0.500	0.500	0.500	0.500

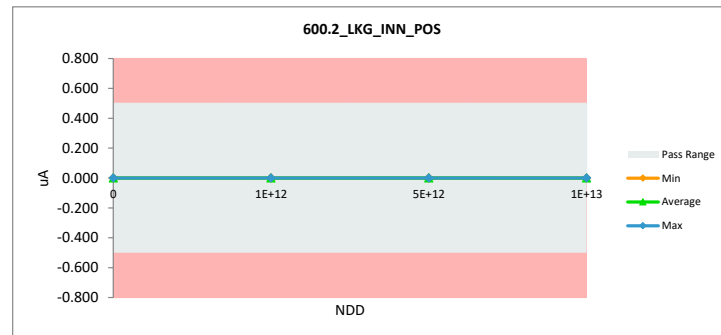


NDD Report
TLV1704-SEP

		600.2_LKG_INN_POS		
Unit		uA	uA	
Max Limit		0.5	0.5	
Min Limit		-0.5	-0.5	
NDD	Serial #	Pre	Post	Delta
1E+12	1	0.000	0.000	0.000
1E+12	2	0.000	0.000	0.000
1E+12	3	0.000	0.000	0.000
1E+12	4	0.000	0.000	0.000
1E+12	5	0.000	0.000	0.000
5E+12	6	0.000	0.000	0.000
5E+12	7	0.000	0.000	0.000
5E+12	8	0.000	0.000	0.000
5E+12	9	0.000	0.000	0.000
5E+12	10	0.000	0.000	0.000
1E+13	11	0.000	0.000	0.000
1E+13	12	0.000	0.000	0.000
1E+13	13	0.000	0.000	0.000
1E+13	14	0.000	0.000	0.000
1E+13	15	0.000	0.000	0.000
0	c1	0.000	0.000	0.000
	Max	0.000	0.000	0.000
	Average	0.000	0.000	0.000
	Min	0.000	0.000	0.000
	Std Dev	0.000	0.000	0.000

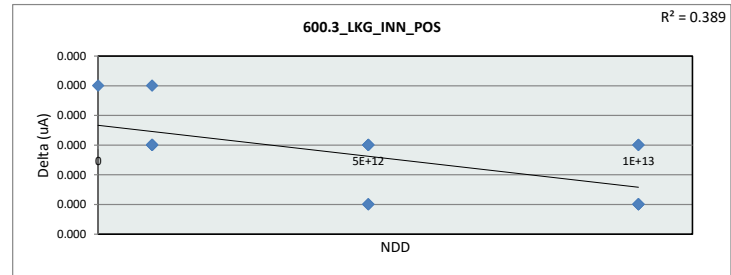


		600.2_LKG_INN_POS				
Max Limit		0.5	uA			
Min Limit		-0.5	uA			
NDD	0	1E+12	5E+12	1E+13		
LL	-0.500	-0.500	-0.500	-0.500		
Min	0.000	0.000	0.000	0.000		
Average	0.000	0.000	0.000	0.000		
Max	0.000	0.000	0.000	0.000		
UL	0.500	0.500	0.500	0.500		

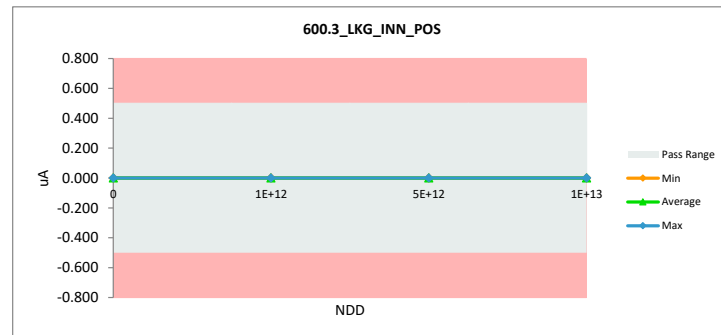


NDD Report
TLV1704-SEP

600.3_LKG_INN_POS				
Unit		uA	uA	
Max Limit		0.5	0.5	
Min Limit		-0.5	-0.5	
NDD	Serial #	Pre	Post	Delta
1E+12	1	0.000	0.000	0.000
1E+12	2	0.000	0.000	0.000
1E+12	3	0.000	0.000	0.000
1E+12	4	0.000	0.000	0.000
1E+12	5	0.000	0.000	0.000
5E+12	6	0.000	0.000	0.000
5E+12	7	0.000	0.000	0.000
5E+12	8	0.000	0.000	0.000
5E+12	9	0.000	0.000	0.000
5E+12	10	0.000	0.000	0.000
1E+13	11	0.000	0.000	0.000
1E+13	12	0.000	0.000	0.000
1E+13	13	0.000	0.000	0.000
1E+13	14	0.000	0.000	0.000
1E+13	15	0.000	0.000	0.000
0	c1	0.000	0.000	0.000
	Max	0.000	0.000	0.000
	Average	0.000	0.000	0.000
	Min	0.000	0.000	0.000
	Std Dev	0.000	0.000	0.000

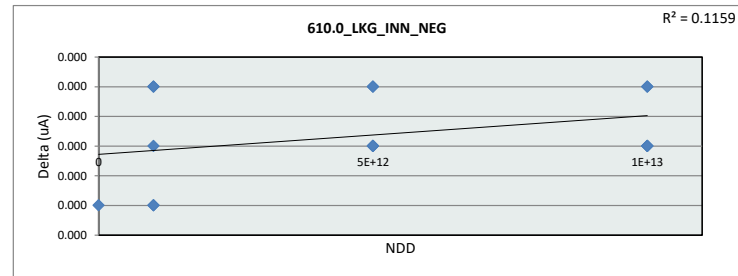


600.3_LKG_INN_POS				
Max Limit	0.5	uA		
Min Limit	-0.5	uA		
NDD	0	1E+12	5E+12	1E+13
LL	-0.500	-0.500	-0.500	-0.500
Min	0.000	0.000	0.000	0.000
Average	0.000	0.000	0.000	0.000
Max	0.000	0.000	0.000	0.000
UL	0.500	0.500	0.500	0.500

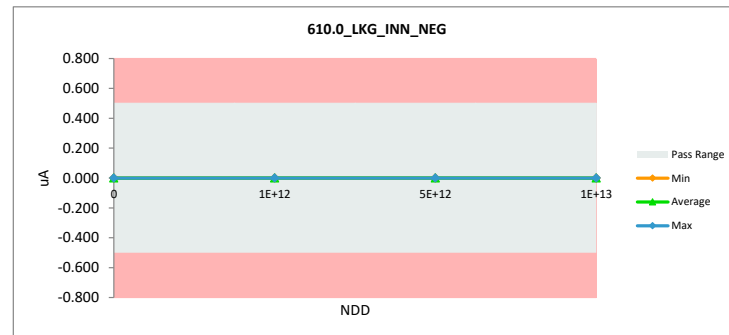


NDD Report
TLV1704-SEP

610.0_LKG_INN_NEG				
Unit		uA	uA	
Max Limit		0.5	0.5	
Min Limit		-0.5	-0.5	
NDD	Serial #	Pre	Post	Delta
1E+12	1	-0.001	-0.001	0.000
1E+12	2	-0.001	-0.001	0.000
1E+12	3	-0.001	-0.001	0.000
1E+12	4	-0.001	-0.001	0.000
1E+12	5	-0.001	-0.001	0.000
5E+12	6	-0.001	-0.001	0.000
5E+12	7	-0.001	-0.001	0.000
5E+12	8	-0.001	-0.001	0.000
5E+12	9	-0.001	-0.001	0.000
5E+12	10	-0.001	-0.001	0.000
1E+13	11	-0.001	-0.001	0.000
1E+13	12	-0.001	-0.001	0.000
1E+13	13	-0.001	-0.001	0.000
1E+13	14	-0.001	-0.001	0.000
1E+13	15	-0.001	-0.001	0.000
0	c1	-0.001	-0.001	0.000
	Max	-0.001	-0.001	0.000
	Average	-0.001	-0.001	0.000
	Min	-0.001	-0.001	0.000
	Std Dev	0.000	0.000	0.000

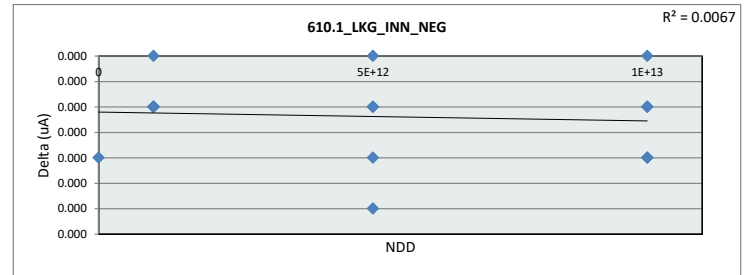


610.0_LKG_INN_NEG				
Max Limit	0.5	uA		
Min Limit	-0.5	uA		
NDD	0	1E+12	5E+12	1E+13
LL	-0.500	-0.500	-0.500	-0.500
Min	-0.001	-0.001	-0.001	-0.001
Average	-0.001	-0.001	-0.001	-0.001
Max	-0.001	-0.001	-0.001	-0.001
UL	0.500	0.500	0.500	0.500

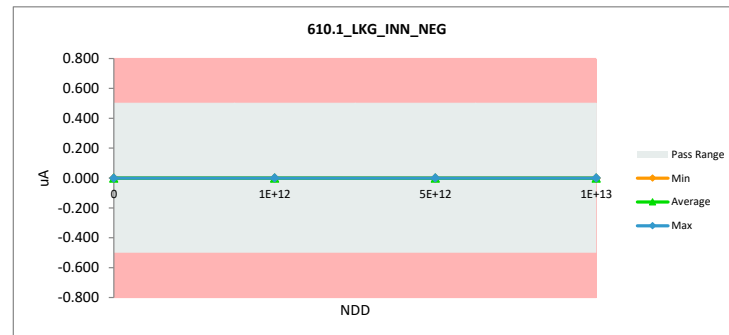


NDD Report
TLV1704-SEP

		610.1_LKG_INN_NEG		
Unit		uA	uA	
Max Limit		0.5	0.5	
Min Limit		-0.5	-0.5	
NDD	Serial #	Pre	Post	Delta
1E+12	1	-0.001	-0.001	0.000
1E+12	2	-0.001	-0.001	0.000
1E+12	3	-0.001	-0.001	0.000
1E+12	4	-0.001	-0.001	0.000
1E+12	5	-0.001	-0.001	0.000
5E+12	6	-0.001	-0.001	0.000
5E+12	7	-0.001	-0.001	0.000
5E+12	8	-0.001	-0.001	0.000
5E+12	9	-0.001	-0.001	0.000
5E+12	10	-0.001	-0.001	0.000
1E+13	11	-0.001	-0.001	0.000
1E+13	12	-0.001	-0.001	0.000
1E+13	13	-0.001	-0.001	0.000
1E+13	14	-0.001	-0.001	0.000
1E+13	15	-0.001	-0.001	0.000
0	c1	-0.001	-0.001	0.000
	Max	-0.001	-0.001	0.000
	Average	-0.001	-0.001	0.000
	Min	-0.001	-0.001	0.000
	Std Dev	0.000	0.000	0.000

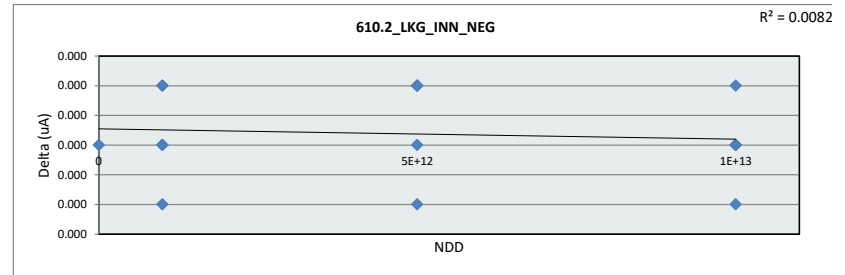


		610.1_LKG_INN_NEG			
Max Limit		0.5	uA		
Min Limit		-0.5	uA		
NDD	0	1E+12	5E+12	1E+13	
LL	-0.500	-0.500	-0.500	-0.500	
Min	-0.001	-0.001	-0.001	-0.001	
Average	-0.001	-0.001	-0.001	-0.001	
Max	-0.001	-0.001	-0.001	-0.001	
UL	0.500	0.500	0.500	0.500	

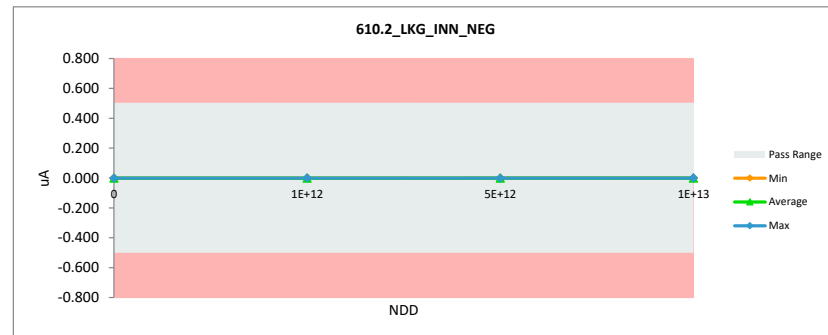


NDD Report
TLV1704-SEP

610.2_LKG_INN_NEG				
Unit		uA	uA	
Max Limit		0.5	0.5	
Min Limit		-0.5	-0.5	
NDD	Serial #	Pre	Post	Delta
1E+12	1	-0.001	-0.001	0.000
1E+12	2	-0.001	-0.001	0.000
1E+12	3	-0.001	-0.001	0.000
1E+12	4	-0.001	-0.001	0.000
1E+12	5	-0.001	-0.001	0.000
5E+12	6	-0.001	-0.001	0.000
5E+12	7	-0.001	-0.001	0.000
5E+12	8	-0.001	-0.001	0.000
5E+12	9	-0.001	-0.001	0.000
5E+12	10	-0.001	-0.001	0.000
1E+13	11	-0.001	-0.001	0.000
1E+13	12	-0.001	-0.001	0.000
1E+13	13	-0.001	-0.001	0.000
1E+13	14	-0.001	-0.001	0.000
1E+13	15	-0.001	-0.001	0.000
0	c1	-0.001	-0.001	0.000
	Max	-0.001	-0.001	0.000
	Average	-0.001	-0.001	0.000
	Min	-0.001	-0.001	0.000
	Std Dev	0.000	0.000	0.000

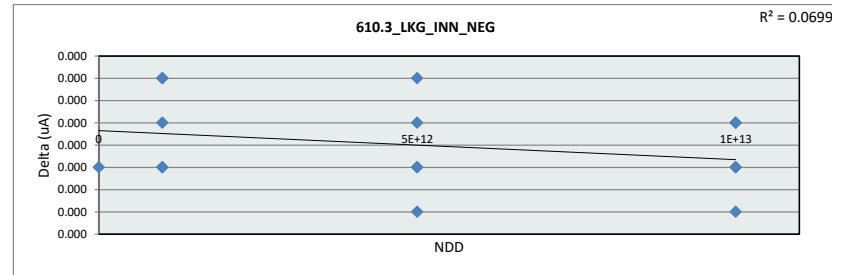


610.2_LKG_INN_NEG				
Max Limit	0.5	uA		
Min Limit	-0.5	uA		
NDD	0	1E+12	5E+12	1E+13
LL	-0.500	-0.500	-0.500	-0.500
Min	-0.001	-0.001	-0.001	-0.001
Average	-0.001	-0.001	-0.001	-0.001
Max	-0.001	-0.001	-0.001	-0.001
UL	0.500	0.500	0.500	0.500

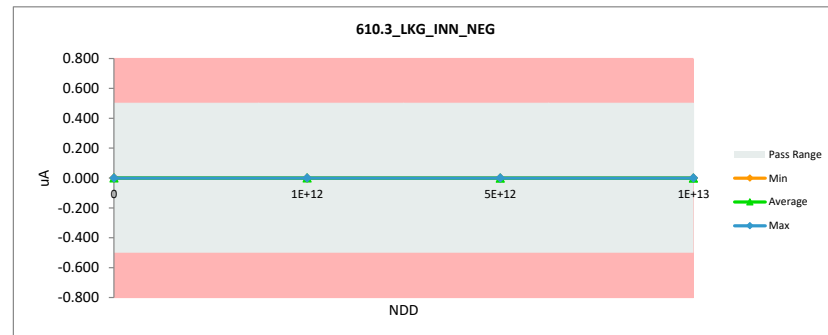


NDD Report
TLV1704-SEP

610.3_LKG_INN_NEG				
Unit		uA	uA	
Max Limit		0.5	0.5	
Min Limit		-0.5	-0.5	
NDD	Serial #	Pre	Post	Delta
1E+12	1	-0.001	-0.001	0.000
1E+12	2	-0.001	-0.001	0.000
1E+12	3	-0.001	-0.001	0.000
1E+12	4	-0.001	-0.001	0.000
1E+12	5	-0.001	-0.001	0.000
5E+12	6	-0.001	-0.001	0.000
5E+12	7	-0.001	-0.001	0.000
5E+12	8	-0.001	-0.001	0.000
5E+12	9	-0.001	-0.001	0.000
5E+12	10	-0.001	-0.001	0.000
1E+13	11	-0.001	-0.001	0.000
1E+13	12	-0.001	-0.001	0.000
1E+13	13	-0.001	-0.001	0.000
1E+13	14	-0.001	-0.001	0.000
1E+13	15	-0.001	-0.001	0.000
0	c1	-0.001	-0.001	0.000
	Max	-0.001	-0.001	0.000
	Average	-0.001	-0.001	0.000
	Min	-0.001	-0.001	0.000
	Std Dev	0.000	0.000	0.000

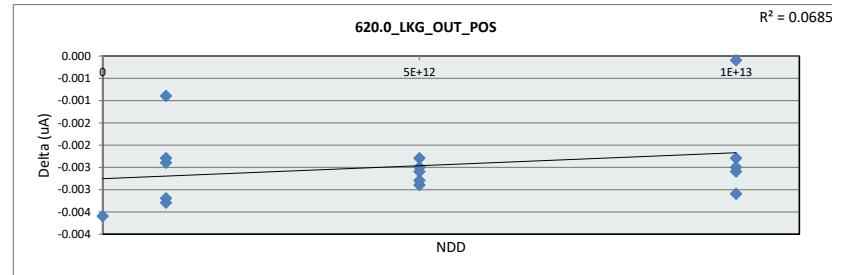


610.3_LKG_INN_NEG				
Max Limit	0.5	uA		
Min Limit	-0.5	uA		
NDD	0	1E+12	5E+12	1E+13
LL	-0.500	-0.500	-0.500	-0.500
Min	-0.001	-0.001	-0.001	-0.001
Average	-0.001	-0.001	-0.001	-0.001
Max	-0.001	-0.001	-0.001	-0.001
UL	0.500	0.500	0.500	0.500

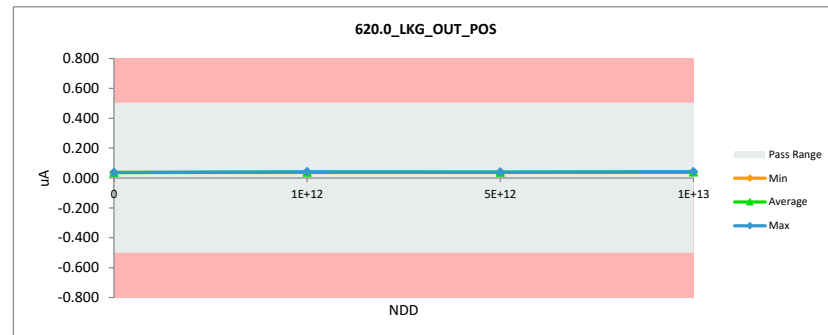


NDD Report
TLV1704-SEP

620.0_LKG_OUT_POS				
Unit		uA	uA	
Max Limit		0.5	0.5	
Min Limit		-0.5	-0.5	
NDD	Serial #	Pre	Post	Delta
1E+12	1	0.040	0.037	-0.003
1E+12	2	0.044	0.042	-0.002
1E+12	3	0.041	0.037	-0.003
1E+12	4	0.040	0.038	-0.002
1E+12	5	0.042	0.041	-0.001
5E+12	6	0.042	0.040	-0.002
5E+12	7	0.041	0.038	-0.003
5E+12	8	0.040	0.038	-0.003
5E+12	9	0.040	0.038	-0.002
5E+12	10	0.041	0.038	-0.003
1E+13	11	0.042	0.042	0.000
1E+13	12	0.041	0.039	-0.002
1E+13	13	0.042	0.038	-0.003
1E+13	14	0.042	0.039	-0.003
1E+13	15	0.041	0.038	-0.003
0	c1	0.041	0.037	-0.004
	Max	0.044	0.042	0.000
	Average	0.041	0.039	-0.002
	Min	0.040	0.037	-0.004
	Std Dev	0.001	0.002	0.001

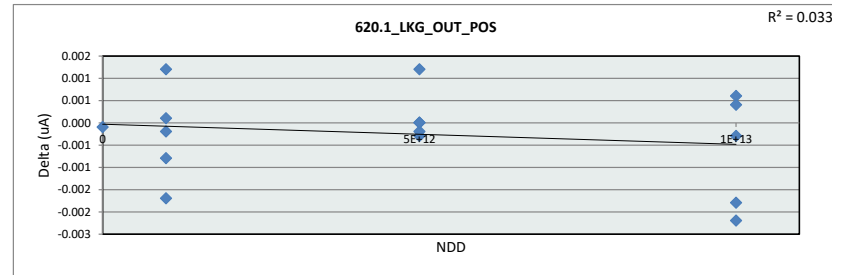


620.0_LKG_OUT_POS				
Max Limit	0.5	uA		
Min Limit	-0.5	uA		
NDD	0	1E+12	5E+12	1E+13
LL	-0.500	-0.500	-0.500	-0.500
Min	0.037	0.037	0.038	0.038
Average	0.037	0.039	0.038	0.039
Max	0.037	0.042	0.040	0.042
UL	0.500	0.500	0.500	0.500

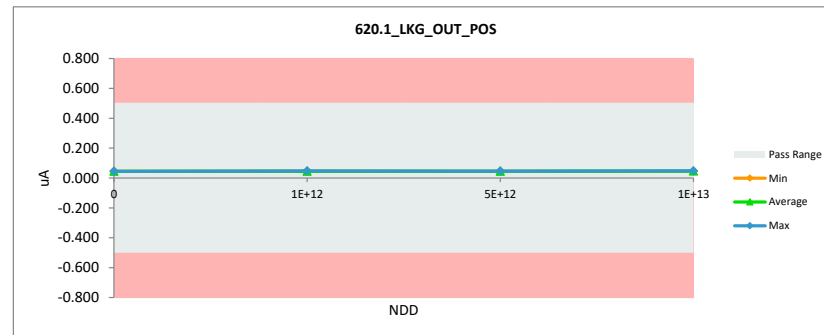


NDD Report
TLV1704-SEP

		620.1_LKG_OUT_POS		
Unit		uA	uA	
Max Limit		0.5	0.5	
Min Limit		-0.5	-0.5	
NDD	Serial #	Pre	Post	Delta
1E+12	1	0.046	0.044	-0.002
1E+12	2	0.046	0.047	0.001
1E+12	3	0.045	0.045	0.000
1E+12	4	0.045	0.045	-0.001
1E+12	5	0.045	0.045	0.000
5E+12	6	0.047	0.046	0.000
5E+12	7	0.045	0.047	0.001
5E+12	8	0.045	0.045	0.000
5E+12	9	0.045	0.044	0.000
5E+12	10	0.045	0.045	0.000
1E+13	11	0.047	0.046	-0.002
1E+13	12	0.047	0.048	0.001
1E+13	13	0.046	0.046	0.000
1E+13	14	0.048	0.046	-0.002
1E+13	15	0.045	0.045	0.000
0	c1	0.045	0.045	0.000
	Max	0.048	0.048	0.001
	Average	0.046	0.046	0.000
	Min	0.045	0.044	-0.002
	Std Dev	0.001	0.001	0.001

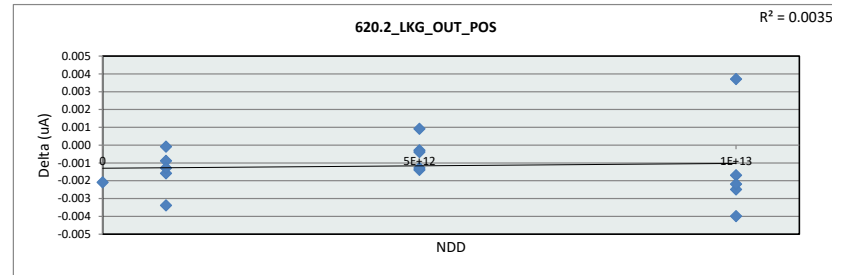


		620.1_LKG_OUT_POS			
Max Limit		0.5	uA		
Min Limit		-0.5	uA		
NDD		0	1E+12	5E+12	1E+13
LL		-0.500	-0.500	-0.500	-0.500
Min		0.045	0.044	0.044	0.045
Average		0.045	0.045	0.045	0.046
Max		0.045	0.047	0.047	0.048
UL		0.500	0.500	0.500	0.500

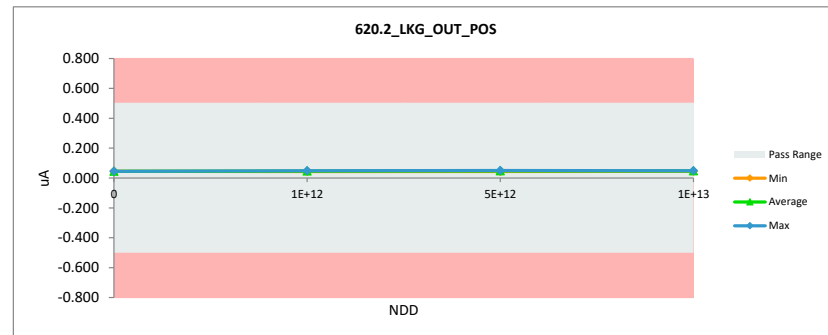


NDD Report
TLV1704-SEP

		620.2_LKG_OUT_POS		
Unit		uA	uA	
Max Limit		0.5	0.5	
Min Limit		-0.5	-0.5	
NDD	Serial #	Pre	Post	Delta
1E+12	1	0.044	0.043	-0.001
1E+12	2	0.049	0.046	-0.003
1E+12	3	0.050	0.049	-0.002
1E+12	4	0.048	0.047	0.000
1E+12	5	0.045	0.044	-0.001
5E+12	6	0.051	0.050	0.000
5E+12	7	0.047	0.045	-0.001
5E+12	8	0.045	0.044	-0.001
5E+12	9	0.047	0.046	0.000
5E+12	10	0.049	0.049	0.001
1E+13	11	0.045	0.049	0.004
1E+13	12	0.050	0.049	-0.002
1E+13	13	0.048	0.046	-0.003
1E+13	14	0.052	0.048	-0.004
1E+13	15	0.047	0.045	-0.002
0	c1	0.047	0.045	-0.002
	Max	0.052	0.050	0.004
	Average	0.048	0.047	-0.001
	Min	0.044	0.043	-0.004
	Std Dev	0.002	0.002	0.002

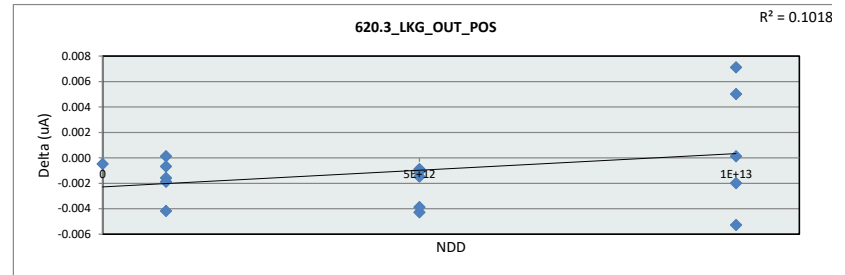


		620.2_LKG_OUT_POS			
Max Limit		0.5	uA		
Min Limit		-0.5	uA		
NDD		0	1E+12	5E+12	1E+13
LL		-0.500	-0.500	-0.500	-0.500
Min		0.045	0.043	0.044	0.045
Average		0.045	0.046	0.047	0.047
Max		0.045	0.049	0.050	0.049
UL		0.500	0.500	0.500	0.500

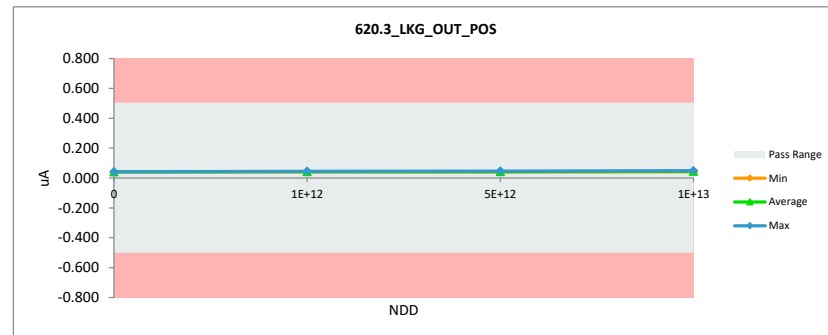


NDD Report
TLV1704-SEP

620.3_LKG_OUT_POS				
Unit		uA	uA	
Max Limit		0.5	0.5	
Min Limit		-0.5	-0.5	
NDD	Serial #	Pre	Post	Delta
1E+12	1	0.045	0.044	-0.001
1E+12	2	0.044	0.042	-0.002
1E+12	3	0.045	0.045	0.000
1E+12	4	0.043	0.041	-0.002
1E+12	5	0.045	0.041	-0.004
5E+12	6	0.044	0.042	-0.001
5E+12	7	0.047	0.046	-0.001
5E+12	8	0.045	0.041	-0.004
5E+12	9	0.042	0.041	-0.001
5E+12	10	0.046	0.042	-0.004
1E+13	11	0.044	0.044	0.000
1E+13	12	0.044	0.042	-0.002
1E+13	13	0.043	0.048	0.005
1E+13	14	0.047	0.042	-0.005
1E+13	15	0.042	0.049	0.007
0	c1	0.042	0.041	-0.001
	Max	0.047	0.049	0.007
	Average	0.044	0.043	-0.001
	Min	0.042	0.041	-0.005
	Std Dev	0.002	0.003	0.003

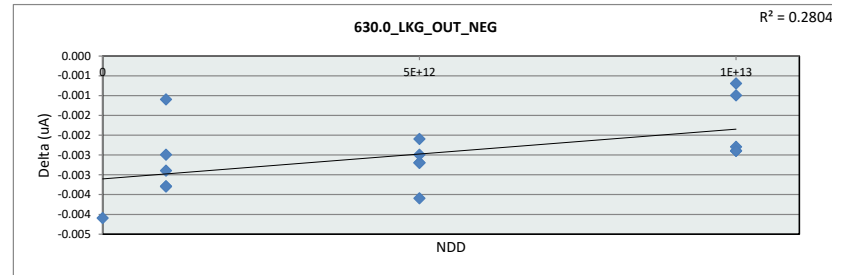


620.3_LKG_OUT_POS				
Max Limit	0.5	uA		
Min Limit	-0.5	uA		
NDD	0	1E+12	5E+12	1E+13
LL	-0.500	-0.500	-0.500	-0.500
Min	0.041	0.041	0.041	0.042
Average	0.041	0.043	0.042	0.045
Max	0.041	0.045	0.046	0.049
UL	0.500	0.500	0.500	0.500

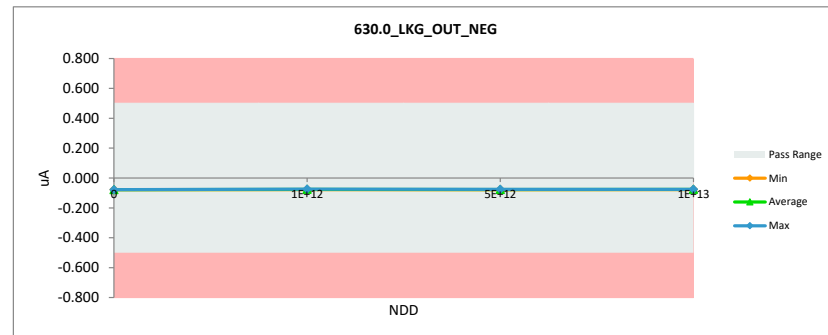


NDD Report
TLV1704-SEP

		630.0_LKG_OUT_NEG		
Unit		uA	uA	
Max Limit		0.5	0.5	
Min Limit		-0.5	-0.5	
NDD	Serial #	Pre	Post	Delta
1E+12	1	-0.073	-0.076	-0.003
1E+12	2	-0.073	-0.077	-0.003
1E+12	3	-0.075	-0.077	-0.003
1E+12	4	-0.074	-0.078	-0.003
1E+12	5	-0.073	-0.075	-0.001
5E+12	6	-0.076	-0.079	-0.003
5E+12	7	-0.074	-0.077	-0.003
5E+12	8	-0.074	-0.077	-0.003
5E+12	9	-0.073	-0.075	-0.002
5E+12	10	-0.074	-0.078	-0.004
1E+13	11	-0.075	-0.076	-0.001
1E+13	12	-0.075	-0.076	-0.001
1E+13	13	-0.075	-0.077	-0.002
1E+13	14	-0.075	-0.078	-0.002
1E+13	15	-0.073	-0.076	-0.002
0	c1	-0.074	-0.078	-0.004
	Max	-0.073	-0.075	-0.001
	Average	-0.074	-0.077	-0.002
	Min	-0.076	-0.079	-0.004
	Std Dev	0.001	0.001	0.001

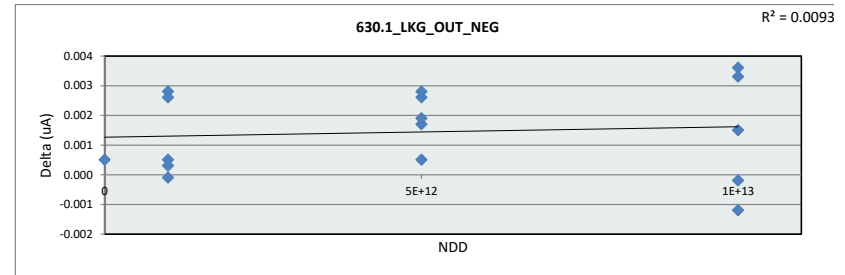


		630.0_LKG_OUT_NEG			
Max Limit		0.5	uA		
Min Limit		-0.5	uA		
NDD	0	1E+12	5E+12	1E+13	
LL	-0.500	-0.500	-0.500	-0.500	
Min	-0.078	-0.078	-0.079	-0.078	
Average	-0.078	-0.077	-0.077	-0.077	
Max	-0.078	-0.075	-0.076	-0.076	
UL	0.500	0.500	0.500	0.500	

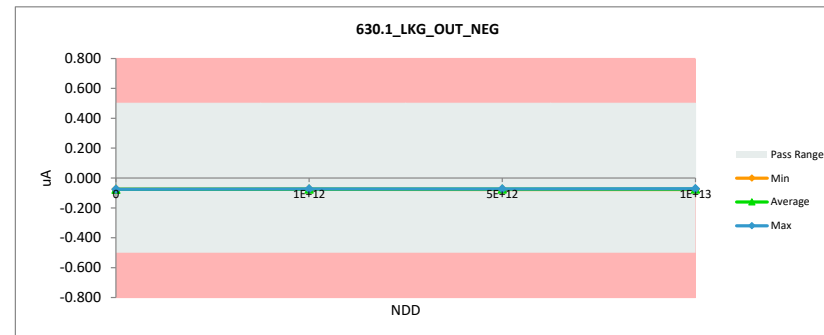


NDD Report
TLV1704-SEP

630.1_LKG_OUT_NEG				
Unit		uA	uA	
Max Limit		0.5	0.5	
Min Limit		-0.5	-0.5	
NDD	Serial #	Pre	Post	Delta
1E+12	1	-0.074	-0.074	0.000
1E+12	2	-0.078	-0.075	0.003
1E+12	3	-0.075	-0.075	0.001
1E+12	4	-0.076	-0.076	0.000
1E+12	5	-0.077	-0.075	0.003
5E+12	6	-0.078	-0.077	0.001
5E+12	7	-0.077	-0.074	0.003
5E+12	8	-0.077	-0.074	0.003
5E+12	9	-0.076	-0.074	0.002
5E+12	10	-0.077	-0.075	0.002
1E+13	11	-0.075	-0.076	-0.001
1E+13	12	-0.075	-0.072	0.004
1E+13	13	-0.077	-0.074	0.003
1E+13	14	-0.077	-0.077	0.000
1E+13	15	-0.076	-0.075	0.001
0	c1	-0.076	-0.075	0.001
	Max	-0.074	-0.072	0.004
	Average	-0.076	-0.075	0.001
	Min	-0.078	-0.077	-0.001
	Std Dev	0.001	0.001	0.001

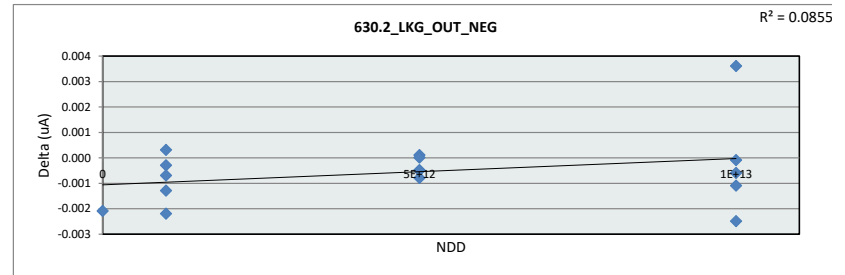


630.1_LKG_OUT_NEG				
Max Limit	0.5	uA		
Min Limit	-0.5	uA		
NDD	0	1E+12	5E+12	1E+13
LL	-0.500	-0.500	-0.500	-0.500
Min	-0.076	-0.076	-0.077	-0.077
Average	-0.076	-0.075	-0.075	-0.075
Max	-0.076	-0.074	-0.074	-0.072
UL	0.500	0.500	0.500	0.500

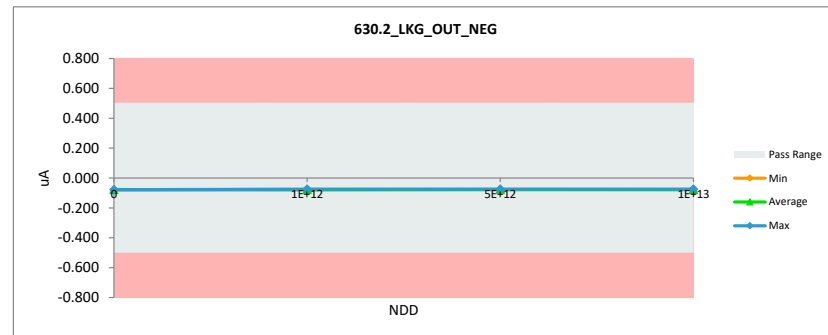


NDD Report
TLV1704-SEP

630.2_LKG_OUT_NEG				
Unit		uA	uA	
Max Limit		0.5	0.5	
Min Limit		-0.5	-0.5	
NDD	Serial #	Pre	Post	Delta
1E+12	1	-0.076	-0.078	-0.001
1E+12	2	-0.078	-0.080	-0.002
1E+12	3	-0.075	-0.075	0.000
1E+12	4	-0.077	-0.077	0.000
1E+12	5	-0.078	-0.078	-0.001
5E+12	6	-0.075	-0.075	0.000
5E+12	7	-0.077	-0.078	-0.001
5E+12	8	-0.078	-0.079	-0.001
5E+12	9	-0.075	-0.075	0.000
5E+12	10	-0.076	-0.076	0.000
1E+13	11	-0.080	-0.076	0.004
1E+13	12	-0.075	-0.075	0.000
1E+13	13	-0.078	-0.078	-0.001
1E+13	14	-0.075	-0.078	-0.003
1E+13	15	-0.076	-0.077	-0.001
0	c1	-0.076	-0.078	-0.002
	Max	-0.075	-0.075	0.004
	Average	-0.076	-0.077	-0.001
	Min	-0.080	-0.080	-0.003
	Std Dev	0.001	0.001	0.001

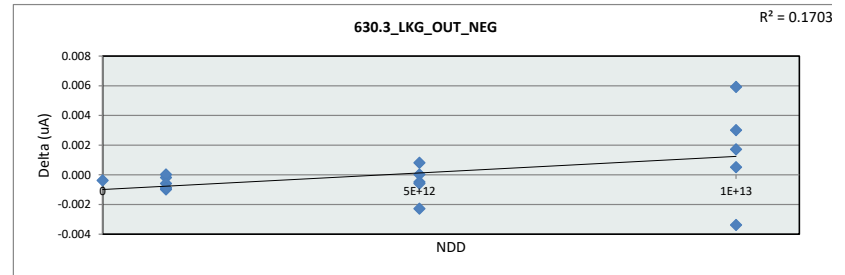


630.2_LKG_OUT_NEG				
Max Limit	0.5	uA		
Min Limit	-0.5	uA		
NDD	0	1E+12	5E+12	1E+13
LL	-0.500	-0.500	-0.500	-0.500
Min	-0.078	-0.080	-0.079	-0.078
Average	-0.078	-0.078	-0.076	-0.077
Max	-0.078	-0.075	-0.075	-0.075
UL	0.500	0.500	0.500	0.500

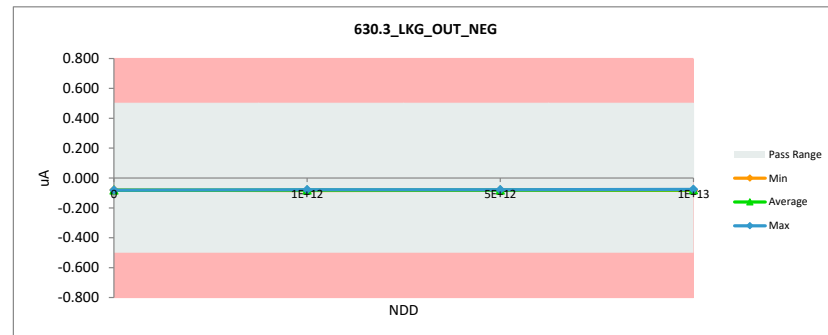


NDD Report
TLV1704-SEP

630.3_LKG_OUT_NEG				
Unit		uA	uA	
Max Limit		0.5	0.5	
Min Limit		-0.5	-0.5	
NDD	Serial #	Pre	Post	Delta
1E+12	1	-0.079	-0.079	0.000
1E+12	2	-0.083	-0.084	-0.001
1E+12	3	-0.081	-0.081	0.000
1E+12	4	-0.082	-0.082	-0.001
1E+12	5	-0.080	-0.081	-0.001
5E+12	6	-0.082	-0.082	0.000
5E+12	7	-0.078	-0.078	-0.001
5E+12	8	-0.082	-0.082	-0.001
5E+12	9	-0.081	-0.080	0.001
5E+12	10	-0.080	-0.083	-0.002
1E+13	11	-0.083	-0.083	0.001
1E+13	12	-0.083	-0.081	0.002
1E+13	13	-0.082	-0.079	0.003
1E+13	14	-0.079	-0.082	-0.003
1E+13	15	-0.082	-0.076	0.006
0	c1	-0.081	-0.082	0.000
	Max	-0.078	-0.076	0.006
	Average	-0.081	-0.081	0.000
	Min	-0.083	-0.084	-0.003
	Std Dev	0.002	0.002	0.002

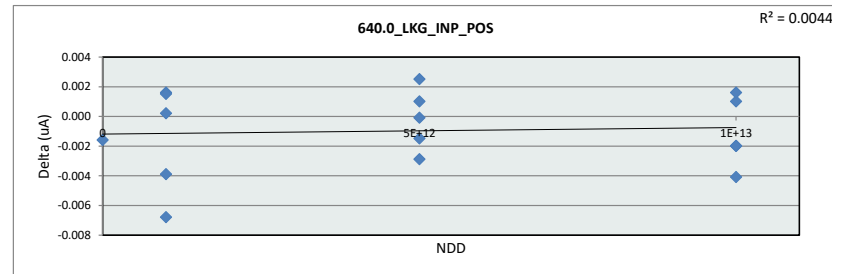


630.3_LKG_OUT_NEG				
Max Limit	0.5	uA		
Min Limit	-0.5	uA		
NDD	0	1E+12	5E+12	1E+13
LL	-0.500	-0.500	-0.500	-0.500
Min	-0.082	-0.084	-0.083	-0.083
Average	-0.082	-0.081	-0.081	-0.080
Max	-0.082	-0.079	-0.078	-0.076
UL	0.500	0.500	0.500	0.500

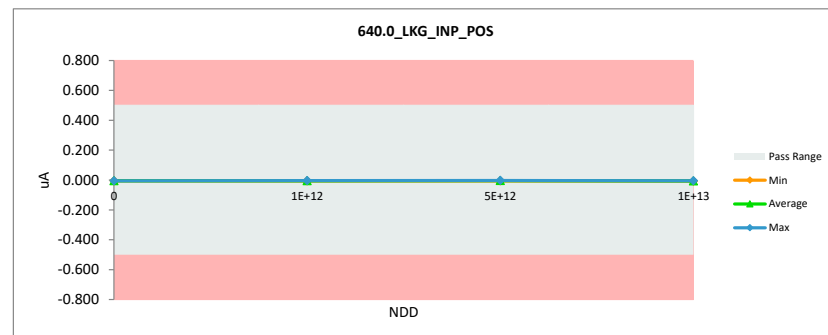


NDD Report TLV1704-SEP

640.0_LKG_INP_POS				
Unit		uA	uA	
Max Limit		0.5	0.5	
Min Limit		-0.5	-0.5	
NDD	Serial #	Pre	Post	Delta
1E+12	1	-0.004	-0.004	0.000
1E+12	2	-0.006	-0.004	0.002
1E+12	3	-0.005	-0.004	0.002
1E+12	4	0.000	-0.007	-0.007
1E+12	5	-0.002	-0.006	-0.004
5E+12	6	-0.004	-0.004	0.000
5E+12	7	-0.003	-0.006	-0.003
5E+12	8	-0.006	-0.004	0.002
5E+12	9	-0.002	-0.003	-0.002
5E+12	10	-0.005	-0.004	0.001
1E+13	11	-0.003	-0.005	-0.002
1E+13	12	-0.008	-0.007	0.001
1E+13	13	-0.007	-0.005	0.002
1E+13	14	-0.003	-0.007	-0.004
1E+13	15	-0.004	-0.007	-0.002
0	c1	-0.004	-0.006	-0.002
	Max	0.000	-0.003	0.002
	Average	-0.004	-0.005	-0.001
	Min	-0.008	-0.007	-0.007
	Std Dev	0.002	0.001	0.003

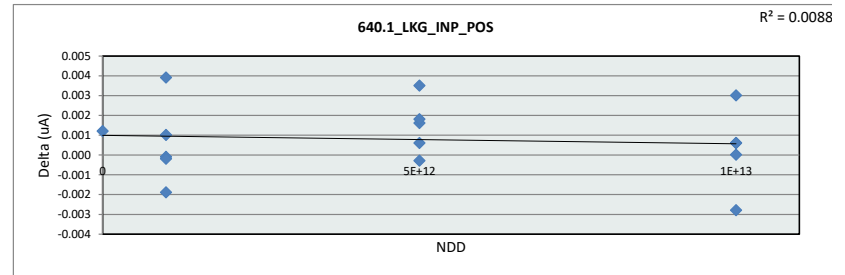


640.0_LKG_INP_POS				
Max Limit	0.5	uA		
Min Limit	-0.5	uA		
NDD	0	1E+12	5E+12	1E+13
LL	-0.500	-0.500	-0.500	-0.500
Min	-0.006	-0.007	-0.006	-0.007
Average	-0.006	-0.005	-0.004	-0.006
Max	-0.006	-0.004	-0.003	-0.005
UL	0.500	0.500	0.500	0.500

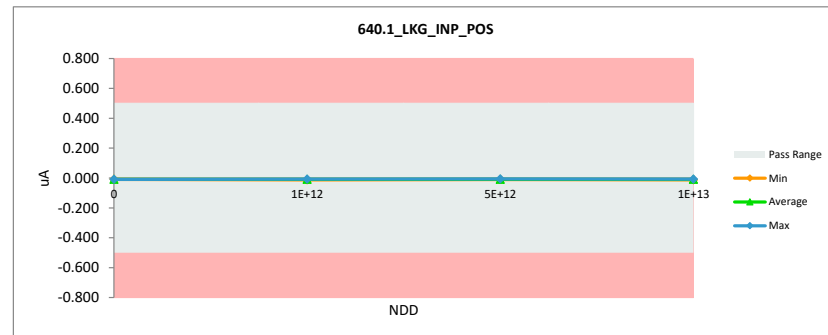


NDD Report
TLV1704-SEP

640.1_LKG_INP_POS				
Unit		uA	uA	
Max Limit		0.5	0.5	
Min Limit		-0.5	-0.5	
NDD	Serial #	Pre	Post	Delta
1E+12	1	-0.009	-0.009	0.000
1E+12	2	-0.010	-0.011	0.000
1E+12	3	-0.010	-0.012	-0.002
1E+12	4	-0.009	-0.008	0.001
1E+12	5	-0.012	-0.008	0.004
5E+12	6	-0.010	-0.008	0.002
5E+12	7	-0.011	-0.010	0.001
5E+12	8	-0.010	-0.007	0.003
5E+12	9	-0.009	-0.009	0.000
5E+12	10	-0.012	-0.010	0.002
1E+13	11	-0.009	-0.009	0.000
1E+13	12	-0.010	-0.010	0.001
1E+13	13	-0.010	-0.009	0.001
1E+13	14	-0.011	-0.008	0.003
1E+13	15	-0.010	-0.013	-0.003
0	c1	-0.011	-0.009	0.001
	Max	-0.009	-0.007	0.004
	Average	-0.010	-0.009	0.001
	Min	-0.012	-0.013	-0.003
	Std Dev	0.001	0.002	0.002

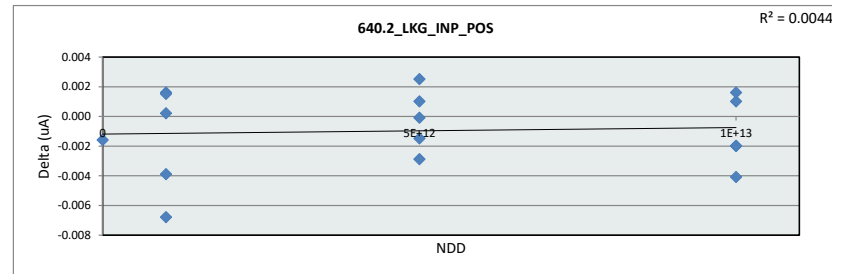


640.1_LKG_INP_POS				
Max Limit	0.5	uA		
Min Limit	-0.5	uA		
NDD	0	1E+12	5E+12	1E+13
LL	-0.500	-0.500	-0.500	-0.500
Min	-0.010	-0.012	-0.010	-0.013
Average	-0.010	-0.010	-0.009	-0.010
Max	-0.010	-0.008	-0.007	-0.008
UL	0.500	0.500	0.500	0.500

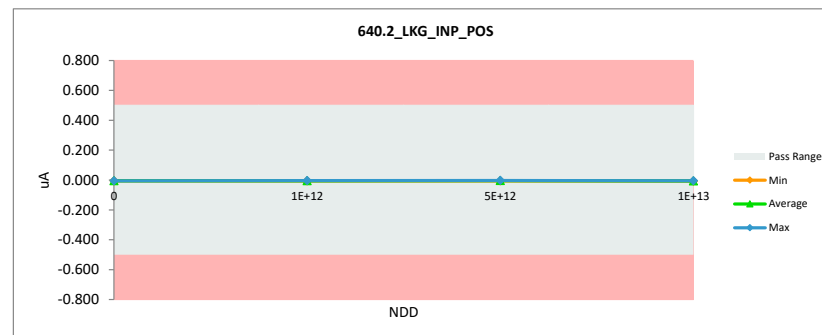


NDD Report
TLV1704-SEP

640.2_LKG_INP_POS				
Unit		uA	uA	
Max Limit		0.5	0.5	
Min Limit		-0.5	-0.5	
NDD	Serial #	Pre	Post	Delta
1E+12	1	-0.004	-0.004	0.000
1E+12	2	-0.006	-0.004	0.002
1E+12	3	-0.005	-0.004	0.002
1E+12	4	0.000	-0.007	-0.007
1E+12	5	-0.002	-0.006	-0.004
5E+12	6	-0.004	-0.004	0.000
5E+12	7	-0.003	-0.006	-0.003
5E+12	8	-0.006	-0.004	0.002
5E+12	9	-0.002	-0.003	-0.002
5E+12	10	-0.005	-0.004	0.001
1E+13	11	-0.003	-0.005	-0.002
1E+13	12	-0.008	-0.007	0.001
1E+13	13	-0.007	-0.005	0.002
1E+13	14	-0.003	-0.007	-0.004
1E+13	15	-0.004	-0.007	-0.002
0	c1	-0.004	-0.006	-0.002
	Max	0.000	-0.003	0.002
	Average	-0.004	-0.005	-0.001
	Min	-0.008	-0.007	-0.007
	Std Dev	0.002	0.001	0.003

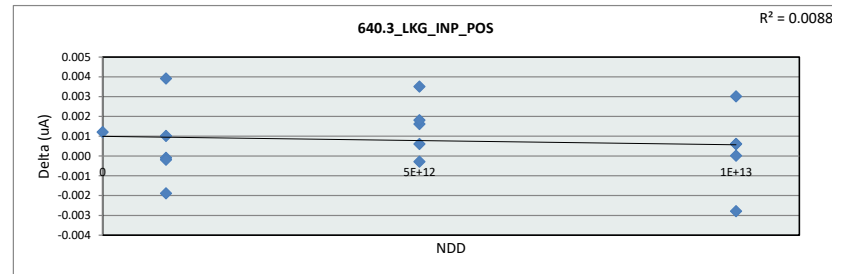


640.2_LKG_INP_POS				
Max Limit	0.5	uA		
Min Limit	-0.5	uA		
NDD	0	1E+12	5E+12	1E+13
LL	-0.500	-0.500	-0.500	-0.500
Min	-0.006	-0.007	-0.006	-0.007
Average	-0.006	-0.005	-0.004	-0.006
Max	-0.006	-0.004	-0.003	-0.005
UL	0.500	0.500	0.500	0.500

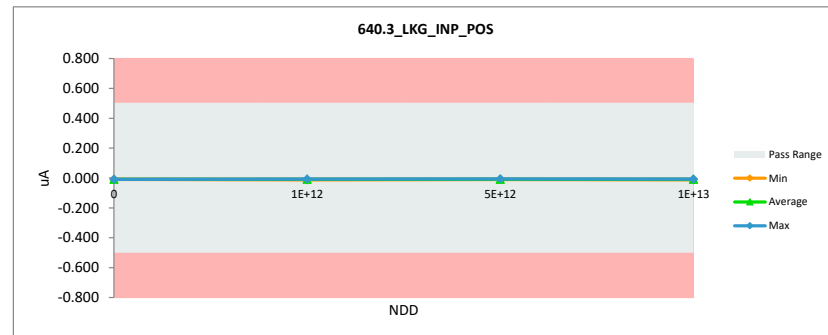


NDD Report
TLV1704-SEP

640.3_LKG_INP_POS				
Unit		uA	uA	
Max Limit		0.5	0.5	
Min Limit		-0.5	-0.5	
NDD	Serial #	Pre	Post	Delta
1E+12	1	-0.009	-0.009	0.000
1E+12	2	-0.010	-0.011	0.000
1E+12	3	-0.010	-0.012	-0.002
1E+12	4	-0.009	-0.008	0.001
1E+12	5	-0.012	-0.008	0.004
5E+12	6	-0.010	-0.008	0.002
5E+12	7	-0.011	-0.010	0.001
5E+12	8	-0.010	-0.007	0.003
5E+12	9	-0.009	-0.009	0.000
5E+12	10	-0.012	-0.010	0.002
1E+13	11	-0.009	-0.009	0.000
1E+13	12	-0.010	-0.010	0.001
1E+13	13	-0.010	-0.009	0.001
1E+13	14	-0.011	-0.008	0.003
1E+13	15	-0.010	-0.013	-0.003
0	c1	-0.011	-0.009	0.001
Max		-0.009	-0.007	0.004
Average		-0.010	-0.009	0.001
Min		-0.012	-0.013	-0.003
Std Dev		0.001	0.002	0.002

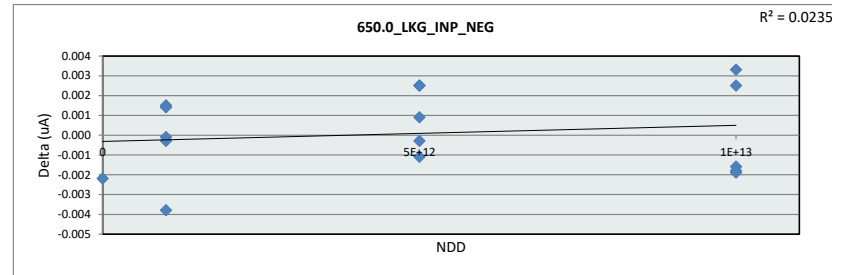


640.3_LKG_INP_POS				
Max Limit	0.5	uA		
Min Limit	-0.5	uA		
NDD	0	1E+12	5E+12	1E+13
LL	-0.500	-0.500	-0.500	-0.500
Min	-0.010	-0.012	-0.010	-0.013
Average	-0.010	-0.010	-0.009	-0.010
Max	-0.010	-0.008	-0.007	-0.008
UL	0.500	0.500	0.500	0.500

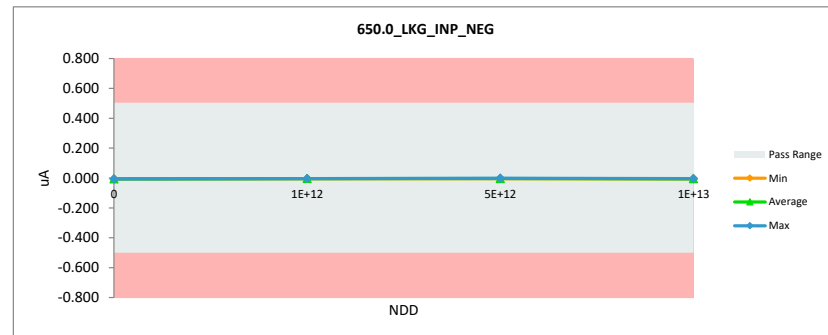


NDD Report TLV1704-SEP

		650.0_LKG_INP_NEG		
Unit		uA	uA	
Max Limit		0.5	0.5	
Min Limit		-0.5	-0.5	
NDD	Serial #	Pre	Post	Delta
1E+12	1	-0.004	-0.004	0.000
1E+12	2	-0.005	-0.004	0.001
1E+12	3	-0.005	-0.004	0.001
1E+12	4	-0.002	-0.005	-0.004
1E+12	5	-0.005	-0.005	0.000
5E+12	6	-0.007	-0.004	0.002
5E+12	7	-0.003	-0.004	-0.001
5E+12	8	-0.004	-0.002	0.003
5E+12	9	-0.004	-0.003	0.001
5E+12	10	-0.004	-0.005	0.000
1E+13	11	-0.004	-0.006	-0.002
1E+13	12	-0.007	-0.005	0.002
1E+13	13	-0.007	-0.004	0.003
1E+13	14	-0.005	-0.006	-0.002
1E+13	15	-0.004	-0.006	-0.002
0	c1	-0.004	-0.006	-0.002
	Max	-0.002	-0.002	0.003
	Average	-0.005	-0.005	0.000
	Min	-0.007	-0.006	-0.004
	Std Dev	0.002	0.001	0.002

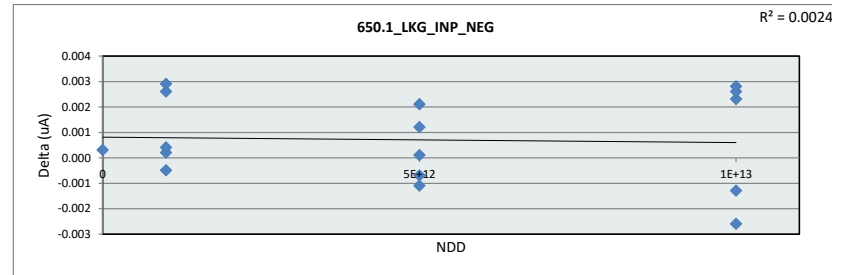


		650.0_LKG_INP_NEG		
Max Limit		0.5	uA	
Min Limit		-0.5	uA	
NDD	0	1E+12	5E+12	1E+13
LL	-0.500	-0.500	-0.500	-0.500
Min	-0.006	-0.005	-0.005	-0.006
Average	-0.006	-0.004	-0.003	-0.006
Max	-0.006	-0.004	-0.002	-0.004
UL	0.500	0.500	0.500	0.500

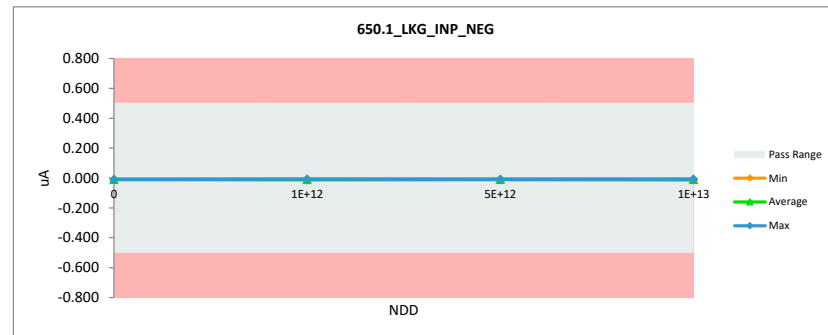


NDD Report
TLV1704-SEP

650.1_LKG_INP_NEG				
Unit		uA	uA	
Max Limit		0.5	0.5	
Min Limit		-0.5	-0.5	
NDD	Serial #	Pre	Post	Delta
1E+12	1	-0.010	-0.010	-0.001
1E+12	2	-0.013	-0.010	0.003
1E+12	3	-0.013	-0.013	0.000
1E+12	4	-0.009	-0.008	0.000
1E+12	5	-0.011	-0.009	0.003
5E+12	6	-0.008	-0.009	-0.001
5E+12	7	-0.011	-0.009	0.001
5E+12	8	-0.011	-0.009	0.002
5E+12	9	-0.009	-0.009	-0.001
5E+12	10	-0.012	-0.012	0.000
1E+13	11	-0.010	-0.008	0.002
1E+13	12	-0.008	-0.009	-0.001
1E+13	13	-0.011	-0.009	0.003
1E+13	14	-0.013	-0.010	0.003
1E+13	15	-0.011	-0.014	-0.003
0	c1	-0.010	-0.010	0.000
	Max	-0.008	-0.008	0.003
	Average	-0.011	-0.010	0.001
	Min	-0.013	-0.014	-0.003
	Std Dev	0.002	0.002	0.002

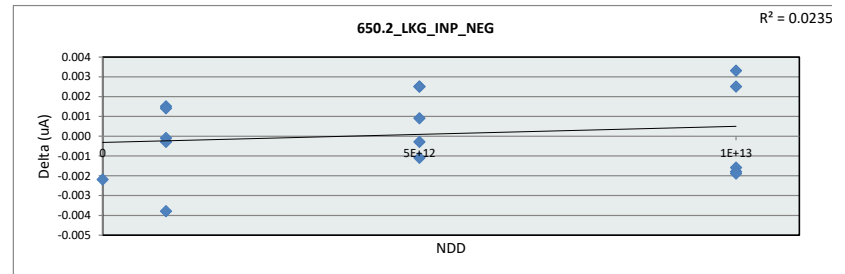


650.1_LKG_INP_NEG				
Max Limit	0.5	uA		
Min Limit	-0.5	uA		
NDD	0	1E+12	5E+12	1E+13
LL	-0.500	-0.500	-0.500	-0.500
Min	-0.010	-0.013	-0.012	-0.014
Average	-0.010	-0.010	-0.010	-0.010
Max	-0.010	-0.008	-0.009	-0.008
UL	0.500	0.500	0.500	0.500

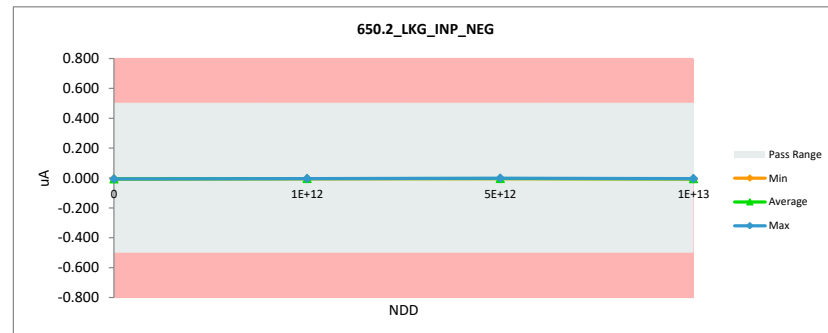


NDD Report
TLV1704-SEP

		650.2_LKG_INP_NEG		
Unit		uA	uA	
Max Limit		0.5	0.5	
Min Limit		-0.5	-0.5	
NDD	Serial #	Pre	Post	Delta
1E+12	1	-0.004	-0.004	0.000
1E+12	2	-0.005	-0.004	0.001
1E+12	3	-0.005	-0.004	0.001
1E+12	4	-0.002	-0.005	-0.004
1E+12	5	-0.005	-0.005	0.000
5E+12	6	-0.007	-0.004	0.002
5E+12	7	-0.003	-0.004	-0.001
5E+12	8	-0.004	-0.002	0.003
5E+12	9	-0.004	-0.003	0.001
5E+12	10	-0.004	-0.005	0.000
1E+13	11	-0.004	-0.006	-0.002
1E+13	12	-0.007	-0.005	0.002
1E+13	13	-0.007	-0.004	0.003
1E+13	14	-0.005	-0.006	-0.002
1E+13	15	-0.004	-0.006	-0.002
0	c1	-0.004	-0.006	-0.002
Max		-0.002	-0.002	0.003
Average		-0.005	-0.005	0.000
Min		-0.007	-0.006	-0.004
Std Dev		0.002	0.001	0.002

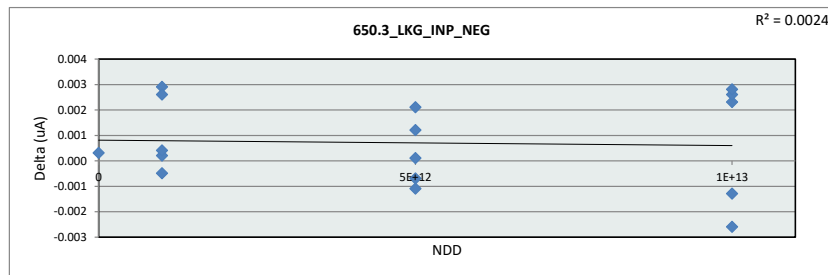


		650.2_LKG_INP_NEG		
Max Limit		0.5	uA	
Min Limit		-0.5	uA	
NDD	0	1E+12	5E+12	1E+13
LL	-0.500	-0.500	-0.500	-0.500
Min	-0.006	-0.005	-0.005	-0.006
Average	-0.006	-0.004	-0.003	-0.006
Max	-0.006	-0.004	-0.002	-0.004
UL	0.500	0.500	0.500	0.500

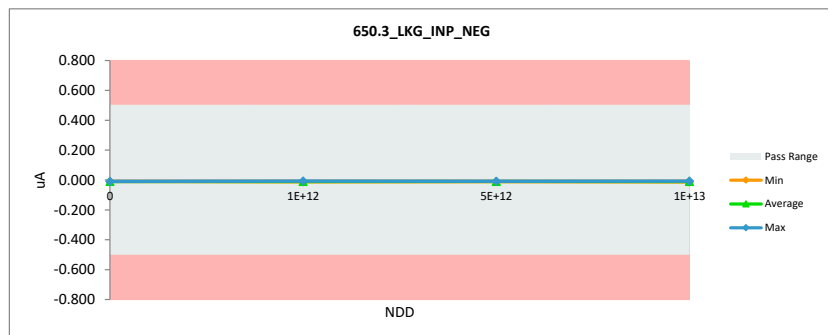


NDD Report
TLV1704-SEP

650.3_LKG_INP_NEG				
Unit		uA	uA	
Max Limit		0.5	0.5	
Min Limit		-0.5	-0.5	
NDD	Serial #	Pre	Post	Delta
1E+12	1	-0.010	-0.010	-0.001
1E+12	2	-0.013	-0.010	0.003
1E+12	3	-0.013	-0.013	0.000
1E+12	4	-0.009	-0.008	0.000
1E+12	5	-0.011	-0.009	0.003
5E+12	6	-0.008	-0.009	-0.001
5E+12	7	-0.011	-0.009	0.001
5E+12	8	-0.011	-0.009	0.002
5E+12	9	-0.009	-0.009	-0.001
5E+12	10	-0.012	-0.012	0.000
1E+13	11	-0.010	-0.008	0.002
1E+13	12	-0.008	-0.009	-0.001
1E+13	13	-0.011	-0.009	0.003
1E+13	14	-0.013	-0.010	0.003
1E+13	15	-0.011	-0.014	-0.003
0	c1	-0.010	-0.010	0.000
	Max	-0.008	-0.008	0.003
	Average	-0.011	-0.010	0.001
	Min	-0.013	-0.014	-0.003
	Std Dev	0.002	0.002	0.002

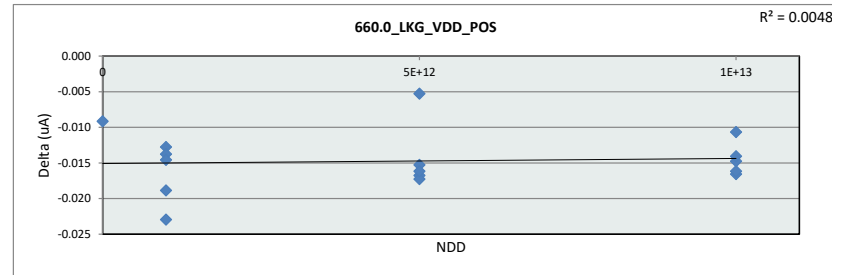


650.3_LKG_INP_NEG				
Max Limit	0.5	uA		
Min Limit	-0.5	uA		
NDD	0	1E+12	5E+12	1E+13
LL	-0.500	-0.500	-0.500	-0.500
Min	-0.010	-0.013	-0.012	-0.014
Average	-0.010	-0.010	-0.010	-0.010
Max	-0.010	-0.008	-0.009	-0.008
UL	0.500	0.500	0.500	0.500

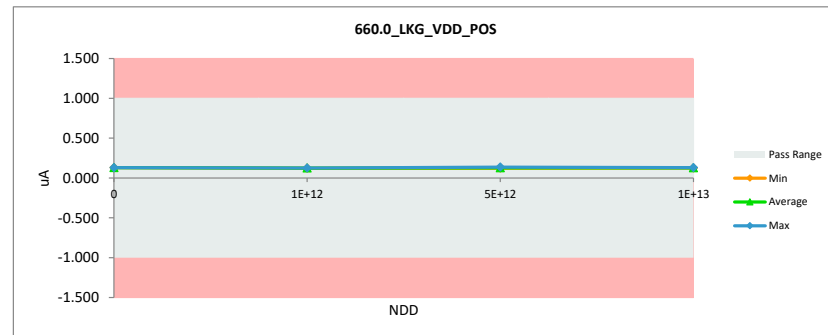


NDD Report
TLV1704-SEP

660.0_LKG_VDD_POS				
Unit		uA	uA	
Max Limit		1	1	
Min Limit		-1	-1	
NDD	Serial #	Pre	Post	Delta
1E+12	1	0.145	0.122	-0.023
1E+12	2	0.143	0.124	-0.019
1E+12	3	0.137	0.125	-0.013
1E+12	4	0.139	0.125	-0.014
1E+12	5	0.140	0.125	-0.015
5E+12	6	0.142	0.136	-0.005
5E+12	7	0.142	0.125	-0.017
5E+12	8	0.140	0.122	-0.017
5E+12	9	0.139	0.124	-0.015
5E+12	10	0.142	0.126	-0.016
1E+13	11	0.143	0.127	-0.017
1E+13	12	0.146	0.129	-0.016
1E+13	13	0.141	0.126	-0.015
1E+13	14	0.142	0.128	-0.014
1E+13	15	0.137	0.126	-0.011
0	c1	0.140	0.130	-0.009
	Max	0.146	0.136	-0.005
	Average	0.141	0.126	-0.015
	Min	0.137	0.122	-0.023
	Std Dev	0.002	0.004	0.004

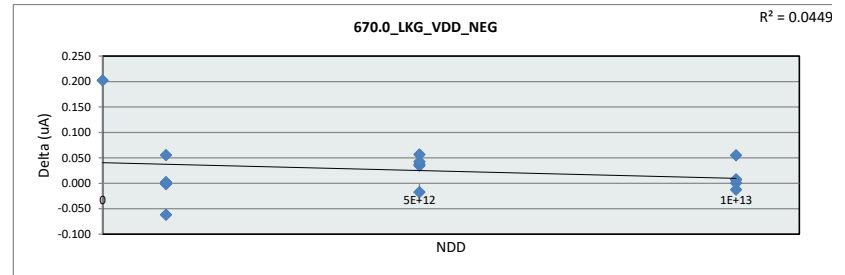


660.0_LKG_VDD_POS				
Max Limit		1	uA	
Min Limit		-1	uA	
NDD	0	1E+12	5E+12	1E+13
LL	-1.000	-1.000	-1.000	-1.000
Min	0.130	0.122	0.122	0.126
Average	0.130	0.124	0.127	0.127
Max	0.130	0.125	0.136	0.129
UL	1.000	1.000	1.000	1.000

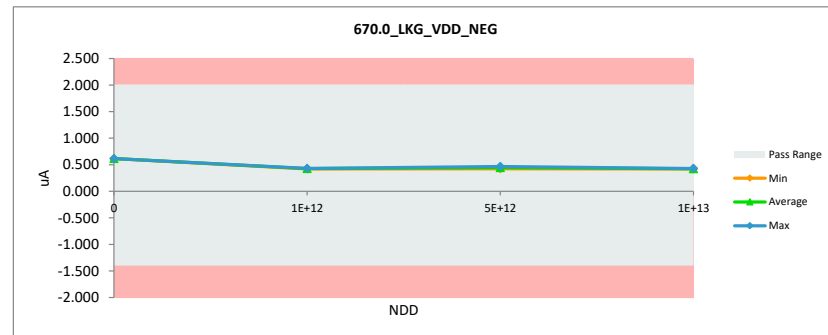


NDD Report
TLV1704-SEP

		670.0_LKG_VDD_NEG		
Unit		uA	uA	
Max Limit		2	2	
Min Limit		-1.4	-1.4	
NDD	Serial #	Pre	Post	Delta
1E+12	1	0.491	0.429	-0.062
1E+12	2	0.419	0.420	0.001
1E+12	3	0.431	0.429	-0.002
1E+12	4	0.424	0.426	0.002
1E+12	5	0.371	0.426	0.055
5E+12	6	0.421	0.455	0.034
5E+12	7	0.442	0.424	-0.018
5E+12	8	0.371	0.428	0.056
5E+12	9	0.415	0.452	0.037
5E+12	10	0.426	0.468	0.042
1E+13	11	0.434	0.421	-0.013
1E+13	12	0.422	0.429	0.007
1E+13	13	0.367	0.421	0.054
1E+13	14	0.422	0.421	0.000
1E+13	15	0.422	0.429	0.007
0	c1	0.415	0.617	0.202
	Max	0.491	0.617	0.202
	Average	0.418	0.443	0.025
	Min	0.367	0.420	-0.062
	Std Dev	0.030	0.048	0.057

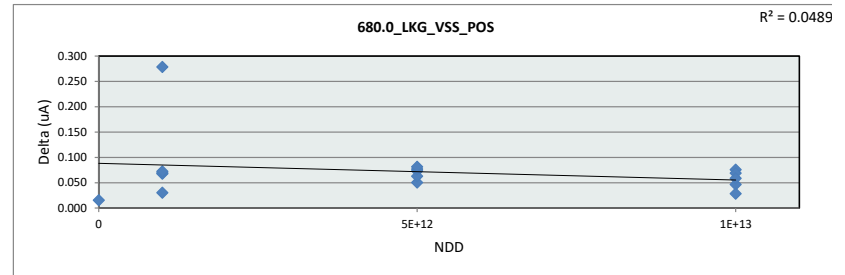


		670.0_LKG_VDD_NEG			
Max Limit		2	2	2	2
Min Limit		-1.4	-1.4	-1.4	-1.4
NDD	0	1E+12	5E+12	1E+13	
LL	-1.400	-1.400	-1.400	-1.400	
Min	0.617	0.420	0.424	0.421	
Average	0.617	0.426	0.445	0.424	
Max	0.617	0.429	0.468	0.429	
UL	2.000	2.000	2.000	2.000	

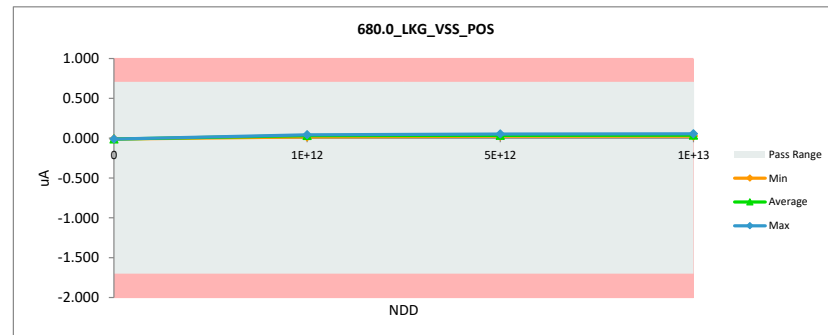


NDD Report TLV1704-SEP

		680.0_LKG_VSS_POS		
Unit		uA	uA	
Max Limit		0.7	0.7	
Min Limit		-1.7	-1.7	
NDD	Serial #	Pre	Post	Delta
1E+12	1	-0.248	0.030	0.278
1E+12	2	-0.026	0.043	0.069
1E+12	3	-0.037	0.030	0.067
1E+12	4	-0.015	0.014	0.030
1E+12	5	-0.030	0.042	0.072
5E+12	6	-0.007	0.042	0.050
5E+12	7	-0.021	0.052	0.073
5E+12	8	-0.027	0.035	0.062
5E+12	9	-0.051	0.025	0.076
5E+12	10	-0.055	0.026	0.081
1E+13	11	-0.020	0.055	0.075
1E+13	12	-0.024	0.044	0.068
1E+13	13	-0.009	0.037	0.046
1E+13	14	-0.034	0.024	0.058
1E+13	15	-0.002	0.026	0.028
0	c1	-0.026	-0.011	0.015
	Max	-0.002	0.055	0.278
	Average	-0.040	0.032	0.072
	Min	-0.248	-0.011	0.015
	Std Dev	0.057	0.016	0.058

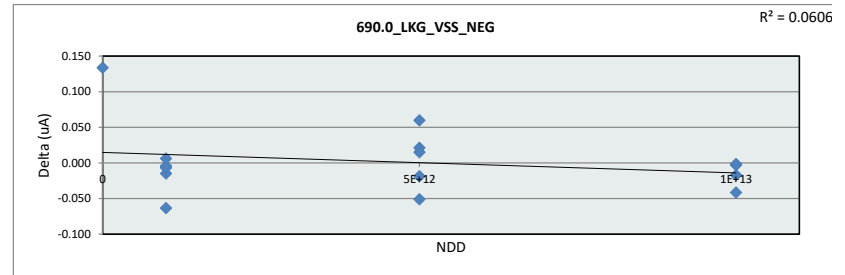


		680.0_LKG_VSS_POS			
Max Limit		0.7	uA		
Min Limit		-1.7	uA		
NDD		0	1E+12	5E+12	1E+13
LL		-1.700	-1.700	-1.700	-1.700
Min		-0.011	0.015	0.025	0.025
Average		-0.011	0.032	0.036	0.037
Max		-0.011	0.043	0.052	0.055
UL		0.700	0.700	0.700	0.700

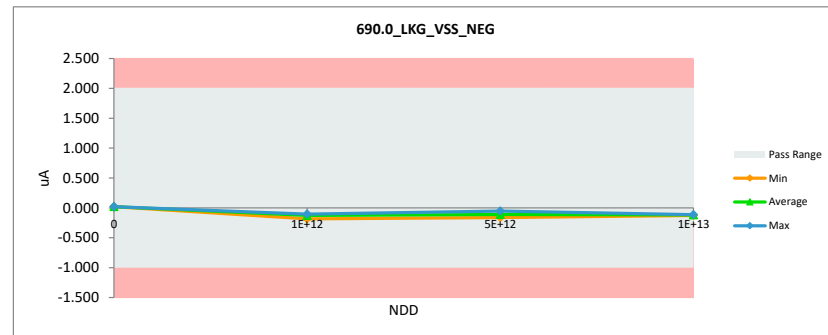


NDD Report
TLV1704-SEP

690.0_LKG_VSS_NEG				
Unit		uA	uA	
Max Limit		2	2	
Min Limit		-1	-1	
NDD	Serial #	Pre	Post	Delta
1E+12	1	-0.100	-0.115	-0.015
1E+12	2	-0.110	-0.114	-0.005
1E+12	3	-0.120	-0.183	-0.064
1E+12	4	-0.110	-0.104	0.006
1E+12	5	-0.105	-0.112	-0.007
5E+12	6	-0.111	-0.052	0.059
5E+12	7	-0.139	-0.118	0.021
5E+12	8	-0.099	-0.118	-0.019
5E+12	9	-0.118	-0.104	0.015
5E+12	10	-0.112	-0.163	-0.051
1E+13	11	-0.111	-0.114	-0.003
1E+13	12	-0.110	-0.127	-0.017
1E+13	13	-0.113	-0.115	-0.002
1E+13	14	-0.074	-0.116	-0.042
1E+13	15	-0.110	-0.113	-0.003
0	c1	-0.113	0.020	0.133
	Max	-0.074	0.020	0.133
	Average	-0.110	-0.109	0.000
	Min	-0.139	-0.183	-0.064
	Std Dev	0.013	0.044	0.046



690.0_LKG_VSS_NEG				
Max Limit		2	uA	
Min Limit		-1	uA	
NDD	0	1E+12	5E+12	1E+13
LL	-1.000	-1.000	-1.000	-1.000
Min	0.020	-0.183	-0.163	-0.127
Average	0.020	-0.126	-0.111	-0.117
Max	0.020	-0.104	-0.052	-0.113
UL	2.000	2.000	2.000	2.000



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